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## KEY=SMART - CLARA CANTRELL

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### HANDBOOK OF RESEARCH ON MANAGERIAL PRACTICES AND DISRUPTIVE INNOVATION IN ASIA

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IGI Global Collaboration in business allows for equitable opportunities and inclusive growth as the economy rises while also permitting partnering organizations to adopt and utilize the latest successful practices and management. However, a market in stasis may require a displacement in order to allow businesses to grow and create new alliances and partnerships toward a shared economy. There is a need for studies that seek to understand the necessity of market disruption and the best supervisory methods for remaining relevant and profitable in a time of change. The Handbook of Research on Managerial Practices and Disruptive Innovation in Asia is an essential reference source that explores successful executive behavior and business operations striving toward a more inclusive economy. Featuring research on topics such as employee welfare, brand orientation, and entrepreneurship, this publication is ideally designed for human resources developers, policymakers, IT specialists, economists, executives, managers, corporate directors, information technologists, and academicians seeking current research focusing on innovative business factors and sustainable economies in Asia.

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### ECCWS 2021 20TH EUROPEAN CONFERENCE ON CYBER WARFARE AND SECURITY

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Academic Conferences Inter Ltd Conferences Proceedings of 20th European Conference on Cyber Warfare and Security

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### DATA PRIVACY, PROTECTION, AND SECURITY LAW

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LexisNexis Data security and privacy law continues to evolve at a rapid pace, resulting in many compliance pitfalls beyond traditional laws and regulations. Most institutions are not able to keep up. Is yours? Despite the amount of legislation, regulation and litigation, the handling and security of data is still in the early stages of development, where groundbreaking initiatives continue to occur. With the rising influx of jurisdictional issues, which are confusing at best and often contradictory, having a complete analysis of the legal treatment of major issues is key. That's what Data Privacy, Protection and Security Law is here to do, bringing you the key opinions from outstanding legal experts, rather than another recitation of the law. Data Privacy, Protection and Security Law: • Lays out all legal liability issues regarding privacy in an easily accessible, eBook format • Provides a complete analysis of legal treatments, with commentary from our expert authors • Examines whether and how the courts, regulators and parties make the correct judgments • Gives legal context for business planning in connection with data privacy and security compliance • Includes periodic updates to keep you informed on the latest developments in data privacy and security law In depth topics covered include: • Data protection laws • Selected e-commerce privacy issues • Identity theft • Personal data security: Issues in Law • Data security and wrongdoer's liability • Voluntary obligations to third parties • Obligations imposed in Law • And other data security issues! The authors are the top experts in e-commerce law. Raymond T. Nimmer is the Dean and the Leonard Childs professor of law at the University of Houston Law Center, where he also codirects the Intellectual Property and Information Law Institute. He was reporter for the Uniform Computer Information Transactions Act, and is internationally acclaimed as an expert on electronic commerce law. Holly K. Towle is the cross-firm coordinator of the E-Merging Commerce practice group at K&L Gates (Kirkpatrick & Lockhart, Preston Gates Ellis LLP). She is one of the world's most respected authorities on Internet-based transactions and banking law. Together they provide authoritative analyses of all the different issues facing those transacting e-commerce, including rights, licenses, liabilities, and compliance.

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### INTERNET OF THINGS AND BIG DATA ANALYTICS FOR SMART GENERATION

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Springer This book discusses emerging technologies in the field of the Internet of Things and big data, an area that will be scaled in next two decades. Written by a team of leading experts, it is the only book focusing on the broad areas of both the Internet of things and big data. The thirteen chapters present real-time experimental methods and theoretical explanations, as well as the implementation of these technologies through various applications. Offering a blend of theory and hands-on practices, the book enables graduate, postgraduate and research students who are involved in real-time project scaling techniques to understand projects and their execution. It is also useful for senior computer students, researchers and industry workers who are involved in experimenting with the Internet of Things and big data technologies, helping them to solve the real-time problem. Moreover, the chapters covering cutting-edge technologies help multidisciplinary researchers who are bridging the gap of two different outset real-time problems.

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### DATA PROTECTION AND PRIVACY

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### THE INTERNET OF BODIES

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Bloomsbury Publishing The subjects of Privacy and Data Protection are more relevant than ever, and especially since 25 May 2018, when the European General Data Protection Regulation became enforceable. This volume brings together papers that offer conceptual analyses, highlight issues, propose solutions, and discuss practices regarding privacy and data protection. It is one of the results of the eleventh annual International Conference on Computers, Privacy, and Data Protection, CPDP 2018, held in Brussels in January 2018. The book explores the following topics: biometrics and data protection in criminal justice processing, privacy, discrimination and platforms for men who have sex with men, mitigation through data protection instruments of unfair inequalities as a result of machine learning, privacy and human-robot interaction in robotized healthcare, privacy-by-design, personal data protection of deceased data subjects, large-scale face databases and the GDPR, the new Europol regulation, rethinking trust in the Internet of Things, fines under the GDPR, data analytics and the GDPR, and the essence of the right to the protection of personal data. This interdisciplinary book was written while the reality of the General Data Protection Regulation 2016/679 was becoming clear. It discusses open issues and daring and prospective approaches. It will serve as an insightful resource for readers with an interest in computers, privacy and data protection.

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### COMMUNICATION TECHNOLOGY UPDATE AND FUNDAMENTALS

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### 15TH EDITION

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Routledge Communication Technology Update and Fundamentals has set the standard as the single best resource for students and professionals looking to brush up on how communication technologies have developed, grown, and converged, as well as what's in store for the future. The 15th edition is completely updated, reflecting the changes that have swept the communication industries. The first five chapters offer the communication technology fundamentals, including the ecosystem, the history, and structure—then delves into each of about two dozen technologies, including mass media, computers, consumer electronics, and networking technologies. Each chapter is written by experts who provide snapshots of the state of each individual field. Together, these updates provide a broad overview of these industries, as well as the role communication technologies play in our everyday lives. In addition to substantial updates to each chapter, the 15th edition includes: First-ever chapters on Big Data and the Internet of Things Updated user data in every chapter Projections of what each technology will become by 2031 Suggestions on how to get a job working with the technologies discussed The companion website, www.tfi.com/ctu, offers updated information on the technologies covered in this text, as well as links to other resources

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### FCC RECORD

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### A COMPREHENSIVE COMPILATION OF DECISIONS, REPORTS, PUBLIC NOTICES, AND OTHER DOCUMENTS OF THE FEDERAL COMMUNICATIONS COMMISSION OF THE UNITED STATES

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## A COMMERCIAL LAW OF PRIVACY AND SECURITY FOR THE INTERNET OF THINGS

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Cambridge University Press In the Internet of Things (IoT) era, online activities are no longer limited to desktop or laptop computers, smartphones and tablets. Instead, these activities now include ordinary tasks, such as using an internet-connected refrigerator or washing machine. At the same time, the IoT provides unlimited opportunities for household objects to serve as surveillance devices that continually monitor, collect and process vast quantities of our data. In this work, Stacy-Ann Elvy critically examines the consumer ramifications of the IoT through the lens of commercial law and privacy and security law. The book provides concrete legal solutions to remedy inadequacies in the law that will help usher in a more robust commercial law of privacy and security that protects consumer interests.

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## THE INTERNET OF THINGS AND BUSINESS

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Routledge The internet of things (IoT) has the potential to change how we live and work. It represents the next evolution of the computing revolution and will see the embedding of information and communication technologies within machines at home and in the workplace and across a broad range of industrial processes. The effect will be a radical restructuring of industries and business models driven by massive flows of data providing new insights into how the man-made and natural worlds work. The Internet of Things & Business explores the business models emerging from the IoT and considers the challenges as well as the opportunities they pose to businesses around the world. Via real examples and a range of international case studies, the reader will develop an understanding of how this technology revolution will impact on the business world as well as on broader society.

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## SAMSUNG SMARTTV APPLICATION DEVELOPMENT

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John Wiley & Sons Take your apps from the small screen to the big screen and start developing for the Samsung SmartTV now! Samsung's SmartTV platform gives developers the opportunity to bring the app experience to the world of home entertainment, creating a more interactive and engaging way to reach their audience. If you're ready to expand your app development skills beyond the mobile environment, look no further than Samsung SmartTV Application Development. This unique guide shows you how to incorporate SmartTV features like Smart Interaction, gesture and voice recognition, and personalized recommendations into your app designs and take advantage of movie, video game, web, and other smart content available on the latest SmartTV offerings. Shows how to build a new SmartTV application - from planning the app design to creating a compelling user interface, adding features, and taking the app to market Walks you through the development environment, key platform capabilities, the SmartTV toolset, and testing emulator Includes helpful source code examples to use as inspiration for your own app design and instruction on using video-on-demand, gaming, multi-screen, and Smart Interaction features in your app Written by a team of experts from Handstudio, a global smart media application and solution developer whose clients include Samsung, Humax, and LG, who share their real-world insights and experience developing for the Samsung SmartTV platform Make the smart move and get Samsung SmartTV Application Development today!

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## SIRI, ALEXA, AND OTHER DIGITAL ASSISTANTS: THE LIBRARIAN'S QUICK GUIDE

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ABC-CLIO Apple has "Siri," Amazon "Alexa," Google "Google Assistant," and Microsoft "Cortana." Learn how you can use a popular technology to improve library services, increase their efficiency, and excel in your career. • Demystifies a powerful and popular new technology and how it works • Explains how to put voice computing and digital assistants to use in your library • Addresses privacy and ethical concerns that may be raised when implementing this technology

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## ANDROID HACKER'S HANDBOOK

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John Wiley & Sons The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security, you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis Covers Android application building blocks and security as well as debugging and auditing Android apps Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack Android Hacker's Handbook is the first comprehensive resource for IT professionals charged with smartphone security.

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## INTERNET OF THINGS A TO Z

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### TECHNOLOGIES AND APPLICATIONS

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John Wiley & Sons A comprehensive overview of the Internet of Things' core concepts, technologies, and applications Internet of Things A to Z offers a holistic approach to the Internet of Things (IoT) model. The Internet of Things refers to uniquely identifiable objects and their virtual representations in an Internet-like structure. Recently, there has been a rapid growth in research on IoT communications and networks, that confirms the scalability and broad reach of the core concepts. With contributions from a panel of international experts, the text offers insight into the ideas, technologies, and applications of this subject. The authors discuss recent developments in the field and the most current and emerging trends in IoT. In addition, the text is filled with examples of innovative applications and real-world case studies. Internet of Things A to Z fills the need for an up-to-date volume on the topic. This important book: Covers in great detail the core concepts, enabling technologies, and implications of the Internet of Things Addresses the business, social, and legal aspects of the Internet of Things Explores the critical topic of security and privacy challenges for both individuals and organizations Includes a discussion of advanced topics such as the need for standards and interoperability Contains contributions from an international group of experts in academia, industry, and research Written for ICT researchers, industry professionals, and lifetime IT learners as well as academics and students, Internet of Things A to Z provides a much-needed and comprehensive resource to this burgeoning field.

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## SECURE SMART EMBEDDED DEVICES, PLATFORMS AND APPLICATIONS

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Springer Science & Business Media New generations of IT users are increasingly abstracted from the underlying devices and platforms that provide and safeguard their services. As a result they may have little awareness that they are critically dependent on the embedded security devices that are becoming pervasive in daily modern life. Secure Smart Embedded Devices, Platforms and Applications provides a broad overview of the many security and practical issues of embedded devices, tokens, and their operation systems, platforms and main applications. It also addresses a diverse range of industry/government initiatives and considerations, while focusing strongly on technical and practical security issues. The benefits and pitfalls of developing and deploying applications that rely on embedded systems and their security functionality are presented. A sufficient level of technical detail to support embedded systems is provided throughout the text, although the book is quite readable for those seeking awareness through an initial overview of the topics. This edited volume benefits from the contributions of industry and academic experts and helps provide a cross-discipline overview of the security and practical issues for embedded systems, tokens, and platforms. It is an ideal complement to the earlier work, Smart Cards Tokens, Security and Applications from the same editors.

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## PROFESSIONAL ANDROID 2 APPLICATION DEVELOPMENT

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John Wiley & Sons

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## THE FOURTH INDUSTRIAL REVOLUTION

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Currency Between the 18th and 19th centuries, Britain experienced massive leaps in technological, scientific, and economical advancement

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## LAW, POLICY AND THE INTERNET

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Bloomsbury Publishing This comprehensive textbook by the editor of Law and the Internet seeks to provide students, practitioners and businesses with an up-to-date and accessible account of the key issues in internet law and policy from a European and UK perspective. The internet has advanced in the last 20 years from an esoteric interest to a vital and unavoidable part of modern work, rest and play. As such, an account of how the internet and its users are regulated is vital for everyone concerned with the modern information society. This book also addresses the fact that internet regulation is not just a matter of law but increasingly intermixed with technology, economics and politics. Policy developments are closely analysed as an intrinsic part of modern governance. Law, Policy and the Internet focuses on two key areas: e-commerce, including the role and responsibilities of online

intermediaries such as Google, Facebook and Uber; and privacy, data protection and online crime. In particular there is detailed up-to-date coverage of the crucially important General Data Protection Regulation which came into force in May 2018.

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## **DISTANCE EDUCATION FOR TEACHER TRAINING**

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Routledge First published in 2002. Routledge is an imprint of Taylor & Francis, an informa company.

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## **THE SMART WIFE**

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### **WHY SIRI, ALEXA, AND OTHER SMART HOME DEVICES NEED A FEMINIST REBOOT**

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MIT Press A bold dive into the problematic development (and developers) of "smart wives"--feminized digital assistants who are friendly, sometimes flirty, docile, efficient, occasionally glitchy, and perpetually available. Meet the Smart Wife--at your service, an eclectic collection of feminized AI, robotic, and smart devices. This digital assistant is friendly and sometimes flirty, docile and efficient, occasionally glitchy but perpetually available. She might go by Siri, or Alexa, or inhabit Google Home. She can keep us company, order groceries, vacuum the floor, turn out the lights. A Japanese digital voice assistant--a virtual anime hologram named Hikari Azuma--sends her "master" helpful messages during the day; an American sexbot named Roxxy takes on other kinds of household chores. In *The Smart Wife*, Yolande Strengers and Jenny Kennedy examine the emergence of digital devices that carry out "wifework"--domestic responsibilities that have traditionally fallen to (human) wives. They show that the principal prototype for these virtual helpers--designed in male-dominated industries--is the 1950s housewife: white, middle class, heteronormative, and nurturing, with a spick-and-span home. It's time, they say, to give the Smart Wife a reboot.

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## **HYDROGEN AND FUEL CELLS**

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### **FUNDAMENTALS, TECHNOLOGIES AND APPLICATIONS**

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John Wiley & Sons Authored by 40 of the most prominent and renowned international scientists from academia, industry, institutions and government, this handbook explores mature, evolving technologies for a clean, economically viable alternative to non-renewable energy. In so doing, it includes how hydrogen can be safely produced, stored, transported and utilized, while also covering such broader topics as the environmental impact, education and regulatory developments.

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## **ANDROID A PROGRAMMERS GUIDE**

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McGraw Hill Professional Master the Android mobile development platform Build compelling Java-based mobile applications using the Android SDK and the Eclipse open-source software development platform. *Android: A Programmer's Guide* shows you, step-by-step, how to download and set up all of the necessary tools, build and tune dynamic Android programs, and debug your results. Discover how to provide web and chat functions, interact with the phone dialer and GPS devices, and access the latest Google services. You'll also learn how to create custom Content Providers and database-enable your applications using SQLite. Install and configure Java, Eclipse, and Android plugin Create Android projects from the Eclipse UI or command line Integrate web content, images, galleries, and sounds Deploy menus, progress bars, and auto-complete functions Trigger actions using Android Intents, Filters, and Receivers Implement GPS, Google Maps, Google Earth, and GTalk Build interactive SQLite databases, calendars, and notepads Test applications using the Android Emulator and Debug Bridge

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## **THE BUSY CODER'S GUIDE TO ADVANCED ANDROID DEVELOPMENT**

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Commonware, LLC There are many Android programming guides that give you the basics. This book goes beyond simple apps into many areas of Android development that you simply will not find in competing books. Whether you want to add home screen app widgets to your arsenal, or create more complex maps, integrate multimedia features like the camera, integrate tightly with other applications, or integrate scripting languages, this book has you covered. Moreover, this book has over 50 pages of Honeycomb-specific material, from dynamic fragments, to integrating navigation into the action bar, to creating list-based app widgets. It also has a chapter on using NFC, the wireless technology behind Google Wallet and related services. This book is one in CommonsWare's growing series of Android related titles, including "The Busy Coder's Guide to Android Development," "Android Programming Tutorials," and the upcoming "Tuning Android Applications." Table of Contents WebView, Inside and Out Crafting Your Own Views More Fun With ListViews Creating Drawables Home Screen App Widgets Interactive Maps Creating Custom Dialogs and Preferences Advanced Fragments and the Action Bar Animating Widgets Using the Camera Playing Media Handling System Events Advanced Service Patterns Using System Settings and Services Content Provider Theory Content Provider Implementation Patterns The Contacts ContentProvider Searching with SearchManager Introspection and Integration Tapjacking Working with SMS More on the Manifest Device Configuration Push Notifications with C2DM NFC The Role of Scripting Languages The Scripting Layer for Android JVM Scripting Languages Reusable Components Testing Production

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## **SAMS TEACH YOURSELF HTML5 MOBILE APPLICATION DEVELOPMENT IN 24 HOURS**

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Sams Publishing The easy, step-by-step tutorial for developers who want to write rich mobile apps for smartphones and tablets using the new HTML5 standard \* \*A complete hands-on introduction to mobile HTML5 programming: helps developers master one of tomorrow's most valuable, 'in-demand' new skills. \*Teaches practical skills that will be valuable for development on most contemporary mobile platforms, including iPad/iPhone (iOS), Android, and Windows Phone 7. \*Especially focused on HTML5 features already supported in today's web browsers. Using HTML5, developers can build rich, robust mobile apps that run on smartphones, tablets, and other devices, and interact with users in powerful new ways. In just 24 lessons of one hour or less, this easy, practical book will help them master modern mobile development with HTML5. Building on what they already know about HTML4, CSS, and JavaScript, it covers all the basics of building web pages with HTML5, shows how to extend those pages with innovative new features, and then walks through building complete apps targeted at diverse mobile devices. Coverage includes: \* \*Understanding how HTML5 improves mobile development. \*Detecting mobile devices and HTML5 support, and upgrading sites to support them. \*Styling and building mobile pages with HTML5. \*Using the canvas, typography, audio/video, and forms \*Adding microformats, drag-and-drop, and other advanced features. \*Designing efficient mobile apps. \*Using advanced Web Application APIs and web storage. \*Integrating geolocation into mobile apps Step-by-step instructions walk readers through key tasks... Q and As, Quizzes, and Exercises test their knowledge... 'Did You Know?' tips offer insider advice... 'Watch Out!' alerts help them avoid problems. By the time they're finished, readers won't just understand core HTML5 concepts: they'll be comfortable designing and writing their own new mobile apps

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## **GLOBAL INNOVATION INDEX 2020**

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### **WHO WILL FINANCE INNOVATION?**

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WIPO The Global Innovation Index 2020 provides detailed metrics about the innovation performance of 131 countries and economies around the world. Its 80 indicators explore a broad vision of innovation, including political environment, education, infrastructure and business sophistication. The 2020 edition sheds light on the state of innovation financing by investigating the evolution of financing mechanisms for entrepreneurs and other innovators, and by pointing to progress and remaining challenges - including in the context of the economic slowdown induced by the coronavirus disease (COVID-19) crisis.

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## **THE SECOND MACHINE AGE: WORK, PROGRESS, AND PROSPERITY IN A TIME OF BRILLIANT TECHNOLOGIES**

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W. W. Norton & Company A pair of technology experts describe how humans will have to keep pace with machines in order to become prosperous in the future and identify strategies and policies for business and individuals to use to combine digital processing power with human ingenuity.

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## **THE LINUX COMMAND LINE**

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### **A COMPLETE INTRODUCTION**

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No Starch Press You've experienced the shiny, point-and-click surface of your Linux computer--now dive below and explore its depths with the power of the command line. The Linux Command Line takes you from your very first terminal keystrokes to writing full programs in Bash, the most popular

Linux shell. Along the way you'll learn the timeless skills handed down by generations of gray-bearded, mouse-shunning gurus: file navigation, environment configuration, command chaining, pattern matching with regular expressions, and more. In addition to that practical knowledge, author William Shotts reveals the philosophy behind these tools and the rich heritage that your desktop Linux machine has inherited from Unix supercomputers of yore. As you make your way through the book's short, easily-digestible chapters, you'll learn how to: \* Create and delete files, directories, and symlinks \* Administer your system, including networking, package installation, and process management \* Use standard input and output, redirection, and pipelines \* Edit files with Vi, the world's most popular text editor \* Write shell scripts to automate common or boring tasks \* Slice and dice text files with cut, paste, grep, patch, and sed Once you overcome your initial "shell shock," you'll find that the command line is a natural and expressive way to communicate with your computer. Just don't be surprised if your mouse starts to gather dust. A featured resource in the Linux Foundation's "Evolution of a SysAdmin"

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## PROFESSIONAL ANDROID 4 APPLICATION DEVELOPMENT

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John Wiley & Sons Developers, build mobile Android apps using Android 4 The fast-growing popularity of Android smartphones and tablets creates a huge opportunities for developers. If you're an experienced developer, you can start creating robust mobile Android apps right away with this professional guide to Android 4 application development. Written by one of Google's lead Android developer advocates, this practical book walks you through a series of hands-on projects that illustrate the features of the Android SDK. That includes all the new APIs introduced in Android 3 and 4, including building for tablets, using the Action Bar, Wi-Fi Direct, NFC Beam, and more. Shows experienced developers how to create mobile applications for Android smartphones and tablets Revised and expanded to cover all the Android SDK releases including Android 4.0 (Ice Cream Sandwich), including all updated APIs, and the latest changes to the Android platform. Explains new and enhanced features such as drag and drop, fragments, the action bar, enhanced multitouch support, new environmental sensor support, major improvements to the animation framework, and a range of new communications techniques including NFC and Wi-Fi direct. Provides practical guidance on publishing and marketing your applications, best practices for user experience, and more This book helps you learn to master the design, lifecycle, and UI of an Android app through practical exercises, which you can then use as a basis for developing your own Android apps.

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## THE OXFORD ENGLISH DICTIONARY

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## GROKING

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## WITH REACTIVEX AND FRP

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Pearson Professional In today's world, user interfaces have to be highly dynamic, asynchronous, and reliable. To meet these demands, the programming world is undergoing a radical shift towards something called Functional Reactive Programming (FRP), or just Reactive Programming. FRP offers programmers a new way to construct their applications so that they respond directly to change. And developers spend less time tracing obscure problems and more time focusing on what their code should be doing. RxJava for Android Developers teaches programmers a new way of thinking about programs and data as well as how to build robust and extensible user interfaces. This well-illustrated book presents lots of concrete, real-world problems and then shows how FRP helps to solve them. It begins by looking at examples that get readers into the mindset of data flows and goes on to introduce the concept of a View Model. Readers also learn how FRP enables them to better manage change and introduce new features. The final part of this book focuses on higher-level application design concerns and strategies as you look at architectural approaches and frameworks that work well with FRP thinking. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

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## USING TRENDS AND SCENARIOS AS TOOLS FOR STRATEGY DEVELOPMENT

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## SHAPING THE FUTURE OF YOUR ENTERPRISE

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John Wiley & Sons Is my enterprise really prepared for future business? What can I do to become more competitive? Ulf Pillkahn's book is directed at all of those seeking answers to these questions: executives in strategic positions, business analysts, consultants, trend scouts, marketing and product managers and research engineers. The book presents the two most powerful tools for future planning: environmental analysis, based on the use of trends, as well as the development of visions of the future through the use of scenarios. While scenarios are generally regarded as a classical management tool, it is expected that the importance of trends will gain tremendously in the coming years. Pillkahn demonstrates how to build robust strategies by aligning the results of environmental and enterprise scenarios, thereby offering entirely new insights. "Using Trends and Scenarios as Tools for Strategy Development" convincingly illustrates why efficient observation of the environment of an enterprise is an absolutely essential factor for strategy development, and why strategy development only works if it is institutionalized as a permanent enterprise process. It also addresses the issue of what information is needed to keep both processes running. The book further describes how trends can be categorized, and offers advice on how to glean the essential information from the vast variety of trends. Information is provided on how scenarios are used as a holistic instrument for creating visions and pictures of the future, and how the results of trend research and scenario techniques find their way into entrepreneurial strategy development. An optimized strategy development process is also outlined. Practical examples and real-life pictures of the future round off Pillkahn's insightful discussion of future business planning.

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## SMASHING WORDPRESS

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## BEYOND THE BLOG

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John Wiley & Sons The ultimate guide to WordPress, from the world's most popular resource for web designers and developers As one of the hottest tools on the web today for creating a blog, WordPress has evolved to be much more than just a blogging platform and has been pushed beyond its original purpose. With this new edition of a perennially popular WordPress resource, Smashing Magazine offers you the information you need so you can maximize the potential and power of WordPress. WordPress expert Thord Daniel Hedengren takes you beyond the basic blog to show you how to leverage the capabilities of WordPress to power advanced websites. Addresses new theming options, custom post types, custom headers, menus, background, and more Explains how to build beautiful and unique WordPress themes and creating amazing navigation Walks you through building plugins, integrating theme options, creating custom login forms and admin themes, and using the Loop to control content Zeroes in on building a WordPress project for SEO Highlights integrating WordPress with the social web Smashing WordPress, Third Edition teaches you how to make WordPress look any way you like-- from a corporate site to a photography gallery and much, much more!

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## THE MEDIA HANDBOOK

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## A COMPLETE GUIDE TO ADVERTISING MEDIA SELECTION, PLANNING, RESEARCH, AND BUYING

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Routledge The Media Handbook provides a practical introduction to the advertising, media planning, and buying processes. Emphasizing basic calculations and the practical realities of offering alternatives and evaluating the plan, this seventh edition includes greater coverage of social media, buying automation, the continued digitization of media, and updated statistics on media consumption. It covers over the top television, programmatic TV, digital advertising, and the automation of buying across all media. Author Helen Katz provides a continued focus on how planning and buying tie back to the strategic aims of the brand and the client, keeping practitioners and students up to date with current industry examples and practices. The Companion Website to the book includes resources for both students and instructors. For students there are flashcards to test themselves on main concepts, a list of key media associations, a template flowchart and formulas. Instructors can find lecture slides and sample test questions to assist in their course preparation.

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## WEARABLES IN HEALTHCARE

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## SECOND EAI INTERNATIONAL CONFERENCE, HEALTHWEAR 2020, VIRTUAL EVENT, DECEMBER 10-11, 2020, PROCEEDINGS

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Springer Nature This book constitutes the refereed post-conference proceedings of the Second EAI International Conference on Wearables in Healthcare, HealthWear 2020. Due to COVID-19 pandemic the conference was held virtually. The 16 revised full papers were carefully reviewed and selected from 40 submissions. They focus on wearable devices and systems for healthcare and wellbeing. The papers are organized in topical sections as follows: PPG and algorithms focusing on photoplethysmography, PPG monitoring and cardiorespiratory measurement. The next section focus on IoT and smart sensors on the use of wearable devices and systems for Internet of Medical Things application. The third section is a new session introducing wearable applications. This track focuses on the intrinsic multidisciplinary of wearable devices, and includes works on methodology and design aspect of wearable research.

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## WORLD INVESTMENT REPORT 2020

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### INTERNATIONAL PRODUCTION BEYOND THE PANDEMIC

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United Nations The 30th edition of the World Investment Report looks at the prospects for foreign direct investment and international production during and beyond the global crisis triggered by the COVID-19 (coronavirus) pandemic. The Report not only projects the immediate impact of the crisis on investment flows, but also assesses how it could affect a long-term structural transformation of international production. The theme chapter of the Report reviews the evolution of international production networks over the past three decades and examines the configuration of these networks today. It then projects likely course changes for the next decade due to the combined effects of the pandemic and pre-existing megatrends, including the new industrial revolution, the sustainability imperative and the retreat of laissez faire policies. The system of international production underpins the economic growth and development prospects of most countries around the world. Governments worldwide will need to adapt their investment and development strategies to a changing international production landscape. At the request of the UN General Assembly, the Report has added a dedicated section on investment in the Sustainable Development Goals, to review global progress and propose possible courses of action.

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## MANUAL DE INVERSIÓN EN BANGLADESH

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### GUÍA PARA INVERSORES

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Sección Comercial de la Embajada de Bangladesh en España El Manual de Inversiones en Bangladesh - Guía para Inversores ofrece información actualizada sobre el clima empresarial, los procesos requeridos para iniciar y operar un negocio, los costes necesarios, los regímenes fiscales y políticos, los incentivos y las ventajas comparativas, la normativa de visados y, sobre todo, el potencial de realizar negocios en el país. Se espera que mejore el escenario de inversión en el país, lo cual, a su vez, hará florecer la economía del país a través de los objetivos y visiones de desarrollo nacional y los Objetivos de Desarrollo Sostenible. El capítulo 1 de este manual ofrece una clara exposición del actual clima empresarial y oportunidades de inversión, una atmosfera económica floreciente promovida por las autoridades nacionales. El capítulo 2 proporciona información valiosa sobre el marco regulatorio para la creación de una empresa, su configuración operativa y las transferencias bancarias y de capital. El capítulo 3 ofrece datos relevantes sobre los costes de hacer negocios en el país. El capítulo 4 expone brevemente los impuestos aplicables, exenciones fiscales y beneficios. El capítulo 5 explica de manera concisa las condiciones y procedimientos para solicitar distintos tipos de visados. Finalmente el capítulo 6 describe los principales sectores económicos de esta prometedora economía. La publicación original en inglés ha sido realizada bajo la dirección del Presidente Ejecutivo de la Autoridad de Desarrollo de Inversiones de Bangladesh (BIDA), Oficina del Primer Ministro. Esta versión en español ha sido traducida y publicada por la Sección Comercial de la Embajada de Bangladesh en España bajo la supervisión del Consejero Comercial, el excelentísimo Embajador de Bangladesh en España, Secretario del Ministerio de Comercio de Bangladesh y las autoridades de BIDA.

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## ANDROID APPLICATION DEVELOPMENT

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### PROGRAMMING WITH THE GOOGLE SDK

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O'Reilly Media, Incorporated This practical book provides the concepts and code you need to develop software with Android, the open-source platform for cell phones and mobile devices that's generating enthusiasm across the industry. Based on the Linux operating system and developed by Google and the Open Handset Alliance, Android has the potential to unite a fragmented mobile market. Android Application Development introduces this programming environment, and offers you a complete working example that demonstrates Android architectural features and APIs. With this book, you will: Get a complete introduction to the Android programming environment, architecture, and tools Build a modular application, beginning with a core module that serves to launch modules added in subsequent chapters Learn the concepts and architecture of a specific feature set, including views, maps, location-based services, persistent data storage, 2D and 3D graphics, media services, telephony services, and messaging Use ready-to-run example code that implements each feature Delve into advanced topics, such as security, custom views, performance analysis, and internationalization The book is a natural complement to the existing Android documentation provided by Google. Whether you want to develop a commercial application for mobile devices, or just want to create a mobile mashup for personal use, Android Application Development demonstrates how you can design, build, and test applications for the new mobile market.

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## FILE SYSTEM FORENSIC ANALYSIS

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Addison-Wesley Professional The Definitive Guide to File System Analysis: Key Concepts and Hands-on Techniques Most digital evidence is stored within the computer's file system, but understanding how file systems work is one of the most technically challenging concepts for a digital investigator because there exists little documentation. Now, security expert Brian Carrier has written the definitive reference for everyone who wants to understand and be able to testify about how file system analysis is performed. Carrier begins with an overview of investigation and computer foundations and then gives an authoritative, comprehensive, and illustrated overview of contemporary volume and file systems: Crucial information for discovering hidden evidence, recovering deleted data, and validating your tools. Along the way, he describes data structures, analyzes example disk images, provides advanced investigation scenarios, and uses today's most valuable open source file system analysis tools—including tools he personally developed. Coverage includes Preserving the digital crime scene and duplicating hard disks for "dead analysis" Identifying hidden data on a disk's Host Protected Area (HPA) Reading source data: Direct versus BIOS access, dead versus live acquisition, error handling, and more Analyzing DOS, Apple, and GPT partitions; BSD disk labels; and Sun Volume Table of Contents using key concepts, data structures, and specific techniques Analyzing the contents of multiple disk volumes, such as RAID and disk spanning Analyzing FAT, NTFS, Ext2, Ext3, UFS1, and UFS2 file systems using key concepts, data structures, and specific techniques Finding evidence: File metadata, recovery of deleted files, data hiding locations, and more Using The Sleuth Kit (TSK), Autopsy Forensic Browser, and related open source tools When it comes to file system analysis, no other book offers this much detail or expertise. Whether you're a digital forensics specialist, incident response team member, law enforcement officer, corporate security specialist, or auditor, this book will become an indispensable resource for forensic investigations, no matter what analysis tools you use.

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## CAPITALIST NIGGER

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### THE ROAD TO SUCCESS - A SPIDER WEB DOCTRINE

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Jonathan Ball Publishers Capitalist Nigger is an explosive and jarring indictment of the black race. The book asserts that the Negroid race, as naturally endowed as any other, is culpably a non-productive race, a consumer race that depends on other communities for its culture, its language, its feeding and its clothing. Despite enormous natural resources, blacks are economic slaves because they lack the 'devil-may-care' attitude and the 'killer instinct' of the Caucasian, as well as the spider web mentality of the Asian. A Capitalist Nigger must embody ruthlessness in pursuit of excellence in his drive towards achieving the goal of becoming an economic warrior. In putting forward the idea of the Capitalist Nigger, Chika Onyeani charts a road to success whereby black economic warriors employ the 'Spider Web Doctrine' - discipline, self-reliance, ruthlessness - to escape from their victim mentality. Born in Nigeria, Chika Onyeani is a journalist, editor and former diplomat.

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## DIGITAL ENTREPRENEURSHIP

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### IMPACT ON BUSINESS AND SOCIETY

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Springer Nature This open access book explores the global challenges and experiences related to digital entrepreneurial activities, using carefully selected examples from leading companies and economies that shape world business today and tomorrow. Digital entrepreneurship and the companies steering it have an enormous global impact; they promise to transform the business world and change the way we communicate with each other. These companies use digitalization and artificial intelligence to enhance the quality of decisions and augment their business and customer operations. This

book demonstrates how cloud services are continuing to evolve; how cryptocurrencies are traded in the banking industry; how platforms are created to commercialize business, and how, taken together, these developments provide new opportunities in the digitalized era. Further, it discusses a wide range of digital factors changing the way businesses operate, including artificial intelligence, chatbots, voice search, augmented and virtual reality, as well as cyber threats and data privacy management. "Digitalization mirrors the Industrial Revolution's impact. This book provides a complement of perspectives on the opportunities emanating from such a deep seated change in our economy. It is a comprehensive collection of thought leadership mapped into a very useful framework. Scholars, digital entrepreneurs and practitioners will benefit from this timely work." Gina O'Connor, Professor of Innovation Management at Babson College, USA "This book defines and delineates the requirements for companies to enable their businesses to succeed in a post-COVID19 world. This book deftly examines how to accomplish and achieve digital entrepreneurship by leveraging cloud computing, AI, IoT and other critical technologies. This is truly a unique "must-read" book because it goes beyond theory and provides practical examples." Charlie Isaacs, CTO of Customer Connection at Salesforce.com, USA "This book provides digital entrepreneurs useful guidance identifying, validating and building their venture. The international authors developed new perspectives on digital entrepreneurship that can support to create impact ventures." Felix Staeritz, CEO FoundersLane, Member of the World Economic Forum Digital Leaders Board and bestselling author of FightBack, Germany

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## REINVENTING THE PRODUCT

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### HOW TO TRANSFORM YOUR BUSINESS AND CREATE VALUE IN THE DIGITAL AGE

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Kogan Page Publishers Digital technology is simultaneously friend and foe: highly disruptive, yet it cannot be ignored. Companies that fail to make use of it put themselves in the line of fire for disintermediation or even eradication. But digital technology is also the biggest opportunity to reposition incumbent product-making businesses by thinking about how they conceive, make, distribute and support the next generation of goods in the marketplace. Reinventing the Product looks at the ways traditional products are transforming into smart connected products and ecosystem platforms at a rate much faster than most organizations think. Eric Schaeffer and David Sovie show how this reinvention is made possible: by AI and digital technologies, such as IoT sensors, blockchain, advanced analytics, cloud and edge computing. They show how to deliver truly intelligent, and potentially even autonomous, products with the more personalized and compelling experiences that today's users, consumers and enterprises expect. Reinventing the Product makes a stringent case for companies to rethink their product strategy, their innovation and engineering processes, and the entire culture to build the future generations of successful 'living products'. Featuring case studies from global organizations such as Faurecia, Signify, Symmons and Haier and interviews with thought leaders and business executives from top companies including Amazon, ABB, Tesla, Samsung and Google, this book provides practical advice for product-making companies as they embark on, or accelerate, their digitization journey.