

characteristics, health, and more. Chapters include works centred on medical and financial applications as well as topics related to handwriting analysis and text processing, internet security, image analysis, database creation, neural networks and deep learning. While the book is geared to promote interest from the general public, it may also be of interest to graduate students and researchers in the field.

Machine Learning for Computer Scientists and Data Analysts Setareh Rafatirad 2022-08-10 This textbook introduces readers to the theoretical aspects of machine learning (ML) algorithms, starting from simple neuron basics, through complex neural networks, including generative adversarial neural networks and graph convolution networks. Most importantly, this book helps readers to understand the concepts of ML algorithms and enables them to develop the skills necessary to choose an apt ML algorithm for a problem they wish to solve. In addition, this book includes numerous case studies, ranging from simple time-series forecasting to object recognition and recommender systems using massive databases. Lastly, this book also provides practical implementation examples and assignments for the readers to practice and improve their programming capabilities for the ML applications.

New Trends in Image Analysis and Processing – ICIAP 2017 Sebastiano Battiato 2018-01-02 This book constitutes the refereed proceedings of seven workshops held at the 19th International Conference on Image Analysis and Processing, ICIAP 2017, in Catania, Italy, in September 2017: First International Workshop on Brain-Inspired Computer Vision – WBICV 2017; Social Signal Processing and Beyond – SSPandBE 2017; Automatic affect analysis and synthesis – 3AS 2017; Background learning for detection and tracking from RGBD Videos – RGBD 2017; Natural human-computer Interaction and ecological perception in immersive Virtual and Augmented Reality – NIVAR 2017; 1st International Workshop on Biometrics as-a-service: cloud-based technology, systems and applications – IWBAAS 2017; 3rd International Workshop on Multimedia Assisted Dietary Management – MADiMA 2017.

HTML5: The Missing Manual Matthew MacDonald 2013-12-17 HTML5 is more than a markup language—it's a collection of several independent web standards. Fortunately, this expanded guide covers everything you need in one convenient place. With step-by-step tutorials and real-world examples, HTML5: The Missing Manual shows you how to build web apps that include video tools, dynamic graphics, geolocation, offline features, and responsive layouts for mobile devices. The important stuff you need to know: Structure web pages more effectively. Learn how HTML5 helps web design tools and search engines work smarter. Add audio and video without plugins. Build playback pages that work in every browser. Create stunning visuals with Canvas. Draw shapes, pictures, and text; play animations; and run interactive games. Jazz up your pages with CSS3. Add fancy fonts and eye-catching effects with transitions and animation. Design better web forms. Collect information from visitors more efficiently with HTML5 form elements. Build it once, run it everywhere. Use responsive design to make your site look good on desktops, tablets, and smartphones. Include rich desktop features. Build self-sufficient web apps that work offline and store the data users need.

Das Schrauberhandbuch Bernd L. Nepomuck 2006 Handbuch zu Reparatur und Instandhaltung von Motorrädern. Nach grundlegenden Informationen über das Fahrzeug und seine Komponenten werden detailliert einzelne Wartungs- und Reparaturarbeiten vorgestellt.

Computers and Games for Mental Health and Well-Being Yasser Khazaal 2018-07-12

Computer Security – ESORICS 2016 Ioannis Askoxylakis 2016-09-14 The two-volume set, LNCS 9878 and 9879 constitutes the refereed proceedings of the 21st European Symposium on Research in Computer Security, ESORICS 2016, held in Heraklion, Greece, in September 2016. The 60 revised full papers presented were carefully reviewed and selected from 285 submissions. The papers cover a wide range of topics in security and privacy, including data protection: systems security, network security, access control, authentication, and security in such emerging areas as cloud computing, cyber-physical systems, and the Internet of Things.

Tablets & Smartphones for Seniors 2016 "The guides within these pages provide all the learning you need to get better with almost any smartphone or tablet. From first time set up to using core apps, there is something here for any new user, even if you have never used an iPad tablet before, waiting for delivery of your new Samsung Galaxy S7 smartphone, getting to grips with an iPhone or trying out a new Nexus 9 tablet." --Publisher's description.

Multimedia Modeling Xiangjian He 2014-12-22 The two-volume set LNCS 8935 and 8936 constitutes the thoroughly refereed proceedings of the 21st International Conference on Multimedia Modeling, MMM 2015, held in Sydney, Australia, in January 2015. The 49 revised regular papers, 24 poster presentations, were carefully reviewed and selected from 189 submissions. For the three special session, a total of 18 papers were accepted for MMM 2015. The three special sessions are Personal (Big) Data Modeling for Information Access and Retrieval, Social Geo-Media Analytics and Retrieval and Image or video processing, semantic analysis and understanding. In addition, 9 demonstrations and 9 video showcase papers were accepted for MMM 2015. The accepted contributions included in these two volumes represent the state-of-the-art in multimedia modeling research and cover a diverse range of topics including: Image and Video Processing, Multimedia encoding and streaming, applications of multimedia modelling and 3D and augmented reality.

Der lange Weg zur Freiheit Nelson Mandela 2014-01-25 »Ich bin einer von ungezählten Millionen, die durch Nelson Mandelas Leben inspiriert wurden.« Barack Obama Eine fast drei Jahrzehnte währende Gefängnishaft ließ Nelson Mandela zum Mythos der schwarzen Befreiungsbewegung werden. Kaum ein anderer Politiker unserer Zeit symbolisiert heute in solchem Maße die Friedenserwartungen der Menschheit und den Gedanken der Aussöhnung aller Rassen wie der ehemalige südafrikanische Präsident und Friedensnobelpreisträger. Auch nach seinem Tod finden seine ungebrochene Charakterstärke und Menschenfreundlichkeit die Bewunderung aller friedenswilligen Menschen auf der Welt. Mandelas Lebensgeschichte ist über die politische Bedeutung hinaus ein spannend zu lesendes, kenntnis- und faktenreiches Dokument menschlicher Entwicklung unter Bedingungen und Fähigkeiten, vor denen die meisten Menschen innerlich wie äußerlich kapituliert haben dürften.

Middleware Solutions for Wireless Internet of Things Paolo Bellavista 2019-07-15 The proliferation of powerful but cheap devices, together with the availability of a plethora of wireless technologies, has pushed for the spread of the Wireless Internet of Things (WIoT), which is typically much more heterogeneous, dynamic, and general-purpose if compared with the traditional IoT. The WIoT is characterized by the dynamic interaction of traditional infrastructure-side devices, e.g., sensors and actuators, provided by municipalities in Smart City infrastructures, and other portable and more opportunistic ones, such as mobile smartphones, opportunistically integrated to dynamically extend and enhance the WIoT environment. A key enabler of this vision is the advancement of software and middleware technologies in various mobile-related sectors, ranging from the effective synergic management of wireless communications to mobility/adaptivity support in operating systems and differentiated integration and management of devices with heterogeneous capabilities in middleware, from horizontal support to crowdsourcing in different application domains to dynamic offloading to cloud resources, only to mention a few. The book presents state-of-the-art contributions in the articulated WIoT area by providing novel insights about the development and adoption of middleware solutions to enable the WIoT vision in a wide spectrum of heterogeneous scenarios, ranging from industrial environments to educational devices. The presented solutions provide readers with differentiated point of views, by demonstrating how the WIoT vision can be applied to several aspects of our daily life in a pervasive manner.

Professional NFC Application Development for Android Vedat Coskun 2013-04-22 A practical guide to developing and deploying Near Field Communication (NFC) applications. There has been little practical guidance available on NFC programming, until now. If you're a programmer or developer, get this unique and detailed book and start creating apps for this exciting technology. NFC enables contactless mobile communication between two NFC-compatible devices. It's what allows customers to pay for purchases by swiping their smartphones with Google Wallet, for example. This book shows you how to develop NFC applications for Android, for all NFC operating modes: reader/writer, peer-to-peer, and card emulation. The book starts with the basics of NFC technology, an overview of the Android OS, and what you need to know about the SDK tools. It then walks you through all aspects of NFC app development, including SE programming. You'll find all you need to create an app, including functioning, downloadable code and a companion website with additional content. Valuable case studies help you understand each operating mode in clear, practical detail. Shows programmers and developers how to develop Near Field Communication (NFC) applications for Android, including Secure Element (SE) programming. Expert authors are NFC researchers who have a deep knowledge of the subject. Covers app development in all NFC operating modes: reader/writer, peer-to-peer, and card emulation. Includes valuable case studies that showcase several system design and analysis methods, such as activity diagram, class diagram, UML, and others. Professional NFC Application Development for Android offers the clear, concise advice you need to create great applications for this emerging and exciting technology.

Financial Cryptography and Data Security Ahmad-Reza Sadeghi 2013-08-05 This book constitutes the thoroughly refereed post-conference proceedings of the 17th International Conference on Financial Cryptography and Data Security (FC 2013), held at Bankoku Shinryokan Busena Terrace Beach Resort, Okinawa, Japan, April 1-5, 2013. The 14 revised full papers and 17 short papers were carefully selected and reviewed from 125 submissions. The papers are grouped in the following topical sections: electronic payment (Bitcoin), usability aspects, secure computation, passwords, privacy primitives and non-repudiation, anonymity, hardware security, secure computation and secret sharing, authentication attacks and countermeasures, privacy of data and communication, and private data retrieval.

Galaxy S6 Nathaniel Hill 2015-09-25 **Galaxy S6: The Ultimate Galaxy S6 & S6 Edge User Guide - How To Use Galaxy S6, Instructions With Advanced Tips & Tricks And Hidden Galaxy S6 Features!** The Galaxy S6 and Galaxy S6 Edge are the most exciting handheld phones on the market today. Massively outstripping Samsung's sales target, the S6 is a premium-build quality phone that offers more features, more power, and more enjoyment than ever before! If you're looking to find your feet and get the most out of your new device, **The Ultimate Galaxy S6 & S6 Edge User Guide - How To Use Galaxy S6, Instructions With Advanced Tips & Tricks And Hidden Galaxy S6 Features** covers all the basics, before offering you a cheat-sheet guide to unlocking your phone's true potential. Here is a preview of what you'll learn: Easy and quick set-up. How to change your themes to something awesome. How to transfer data from your old phone so that nothing is lost! How to turn your phone into a Nexus! How to overcome any niggling problems. Hidden features. And so much more!

PTFM Tim Bryant 2021-01-16 Red teams can show flaws that exist in your network before they are compromised by malicious actors and blue teams traditionally assess current security measures and identify security flaws. The teams can provide valuable feedback to each other, but this is often overlooked, enter the purple team. The purple team allows for the integration of red team tactics and blue team security measures. The purple team field manual is a manual for all security professionals and integrates red and blue team methodologies.

Learning and Collaboration Technologies Panayiotis Zaphiris 2016-07-04 This book constitutes the refereed proceedings of the Third International Conference on Learning and Collaboration Technologies, LCT 2016, held as part of the 18th International Conference on Human-Computer Interaction, HCI 2016, in Toronto, Canada, in July 2016, in conjunction with 14 thematically similar conferences. The 1287 papers presented at the HCI 2016 conferences were carefully reviewed and selected from 4354 submissions. The papers cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The papers included in this volume are organized in the following thematic sections: instructional design; interaction techniques and platforms for learning; learning performance; web-based, mobile and ubiquitous learning; intelligent learning environments; learning technologies; collaboration technologies; and cultural and social aspects of learning and collaboration technologies.

Information Security Practice and Experience Feng Bao 2016-11-02 This book constitutes the proceedings of the 12th International Conference on Information Security and Practice and Experience, ISPEC 2016, held in Zhangjiajie, China, in November 2016. The 25 papers presented in this volume were carefully reviewed and selected from 75

submissions. They cover multiple topics in information security, from technologies to systems and applications.

Security and Privacy in Communication Networks Bhavani Thuraisingham 2016-01-23 This volume constitutes the thoroughly refereed post-conference proceedings of the 11th International Conference on Security and Privacy in Communication Networks, SecureComm 2015, held in Dallas, TX, USA, in October 2015. The 29 regular and 10 poster papers presented were carefully reviewed and selected from 107 submissions. It also presents 9 papers accepted of the workshop on Applications and Techniques in Cyber Security, ATCS 2015. The papers are grouped in the following topics: mobile, system, and software security; cloud security; privacy and side channels; Web and network security; crypto, protocol, and model.

My Samsung Galaxy Nexus Craig James Johnston 2012-07-13 Full-color, step-by-step tasks walk you through getting and keeping your Samsung Galaxy Nexus or other smartphone running Android 4 (Ice Cream Sandwich) working just the way you want. Step-by-step instructions with callouts to Samsung Galaxy Nexus photos that show you exactly what to do Help when you run into problems or limitations with your Samsung Galaxy Nexus Tips and Notes to help you get the most from your Samsung Galaxy Nexus Learn how to • Quickly set up Google services, voicemail, Gmail, Wi-Fi, and high-speed data connections • Use hidden time-saving shortcuts you won't find anywhere else • Import, create, sync, organize, and manage all your contacts • Easily manage email, appointments, events, and reminders from all your accounts and services • Find web content fast with the powerful Galaxy Nexus web browser • Use Google Phone to save money, manage voicemail, and even automatically transcribe your messages • Instantly connect with friends on Facebook, Google+, and other social media services • Access and listen to all your music, wherever you go • Shoot and share stunningly sharp photos and HD video • Make the most of your Galaxy Nexus (or Android 4 smartphone) at work • Discover, download, and install today's hottest new Android apps—including many great free apps • Keep your Galaxy Nexus (or Android 4 smartphone) up-to-date, reliable, and secure • Avoid expensive, unnecessary roaming charges

Android Tablets für Dummies Dan Gookin 2017-04-18 Egal welches Android-Tablet Sie Ihr Eigen nennen - ob von Samsung, Google oder Amazon, um nur einige Hersteller zu nennen -, in diesem Buch erfahren Sie, wie Sie alles aus Ihrem Gerät herausholen können. Richten Sie Ihr Tablet gemäß Ihren Bedürfnissen ein, surfen Sie im Internet, lesen Sie Ihre Mails, nutzen Sie soziale Netzwerke wie Facebook und Twitter, laden Sie Apps, Musik, Bücher und Filme auf Ihr Tablet, finden Sie alle wichtigen Funktionen und noch ein paar mehr. Dieses Buch führt Sie in die verborgenen Tiefen Ihres Android-Tablets. Es geht auf die Funktionen ein, über die jedes Android-Tablet verfügt, auf Besonderheiten von Samsung-Geräten und auf die neuen Features der Nougat-Version. Wenn Sie alle Tablet-Tricks beherrschen wollen, aber nicht so viel Zeit investieren können, dann ist dieses Buch genau das Richtige für Sie.

Internet of Things. IoT Infrastructures Benny Mandler 2016-11-16 The two-volume set LNICST 169 and 170 constitutes the thoroughly refereed post-conference proceedings of the Second International Internet of Things Summit, IoT 360° 2015, held in Rome, Italy, in October 2015. The IoT 360° is an event bringing a 360 degree perspective on IoT-related projects in important sectors such as mobility, security, healthcare and urban spaces. The conference also aims to coach involved people on the whole path between research to innovation and the way through to commercialization in the IoT domain. This volume contains 61 revised full papers at the following four conferences: International Conference on IoT as a Service, IoTaaS, International Conference on Mobility in IoT, Mobility IoT, International Conference on Sensor Systems and Software, S-Cube, International Conference on Interoperability in IoT, InterIoT, International Conference on Software Defined and Virtual Future Wireless Networks, SDWNCT.

c't Android 2016 c't-Redaktion 2016-01-13 Android ist das erfolgreichste mobile Betriebssystem in Deutschland. In "c't Android" erklären Experten aus der c't-Redaktion, wie man sein Smartphone oder Tablet perfekt an die eigenen Bedürfnisse anpasst und mehr aus Android herausholt. Sie stellen nicht nur die Neuerungen in Android 6.0 vor, sondern berücksichtigen immer auch die noch weit verbreiteten älteren Versionen. Der ausführliche Praxisteil hilft Android-Nutzern, in wenigen Schritten die Qualität ihrer Smartphone-Fotos zu verbessern, Strom zu sparen und das Smartphone vor Angreifern zu schützen. Sie erfahren auch, wie man Android ohne Google betreibt, verschlüsselt mailt oder ein Smartphone seniorengerecht einrichtet. Eine Artikelreihe mit vielen Ideen für neue Aufgaben zeigt, wie man alten Tablets zum Beispiel als Info-Display, Notenständer, Bilderrahmen, Kindertablet oder Leuchttisch zu neuem Leben verhilft. Bei der Kaufentscheidung helfen nicht nur die Tests der besten Smartphones und der günstigsten Tablets. Die c't-Redakteure beraten Sie bei aktuellen Trendthemen: Welche VR-Brille passt zu Ihrem Smartphone, was sind die spannendsten VR-Apps für Android? Was taugen die aktuellen Smartwatches für Android-Nutzer? Und welche Smartphone-Kamera macht die schönsten Fotos? In c't Android finden Sie hierauf hilfreiche und kompetente Antworten.

Linked Data and User Interaction H. Frank Cervone 2015-07-01 This collection of research papers provides extensive information on deploying services, concepts, and approaches for using open linked data from libraries and other cultural heritage institutions. With a special emphasis on how libraries and other cultural heritage institutions can create effective end user interfaces using open, linked data or other datasets. These papers are essential reading for any one interesting in user interface design or the semantic web.

Seeking the Truth from Mobile Evidence John Bair 2017-11-17 Seeking the Truth from Mobile Evidence: Basic Fundamentals, Intermediate and Advanced Overview of Current Mobile Forensic Investigations will assist those who have never collected mobile evidence and augment the work of professionals who are not currently performing advanced destructive techniques. This book is intended for any professional that is interested in pursuing work that involves mobile forensics, and is designed around the outcomes of criminal investigations that involve mobile digital evidence. Author John Bair brings to life the techniques and concepts that can assist those in the private or corporate sector. Mobile devices have always been very dynamic in nature. They have also become an integral part of our lives, and often times, a digital representation of where we are, who we communicate with and what we document around us. Because they constantly change features, allow user enabled security, and or encryption, those employed with extracting user data are often overwhelmed with the process. This book presents a complete guide to mobile device forensics, written in an easy to understand format. Provides readers with basic, intermediate, and advanced mobile forensic concepts and methodology Thirty overall chapters which include such topics as, preventing evidence contamination, triaging devices, troubleshooting, report writing, physical memory and encoding, date and time stamps, decoding Multi-Media-Messages, decoding unsupported application data, advanced validation, water damaged phones, Joint Test Action Group (JTAG), Thermal and Non-Thermal chip removal, BGA cleaning and imaging, In-System-Programming (ISP), and more Popular JTAG boxes – Z3X and RIFF/RIFF2 are expanded on in detail Readers have access to the companion guide which includes additional image examples, and other useful materials