This guide provides a description of Federal Student Aid programs and the application process. Readers will find information on federal student aid as a source for funding postsecondary education, and know where to go for more detailed information. Funding Your Education: The Guide to Federal Student Aid speaks to high school students, college students, adults, and parents interested in finding out about financial aid from the federal government to help pay for education expenses at an eligible college, technical school, vocational school, or graduate school.

Living with a tigress is no joke! This is the true story of a Forest Conservator who risked his life and went beyond the call of duty for Khairi, a tigress he considered as his very own. The book offers the perfect balance of a biography and a scientific study. Khairi is so brilliantly brought to life in this book that you almost expect to hear her padding up behind your chair, purring loudly.

PC Hardware in a Nutshell is the practical guide to buying, building, upgrading, and repairing Intelbased PCs. A longtime favorite among PC users, the third edition of the book now contains useful information for people running either Windows or Linux operating systems. Written for novices and

seasoned professionals alike, the book is packed with useful and unbiased information, including howto advice for specific components, ample reference material, and a comprehensive case study on building a PC.In addition to coverage of the fundamentals and general tips about working on PCs, the book includes chapters focusing on motherboards, processors, memory, floppies, hard drives, optical drives, tape devices, video devices, input devices, audio components, communications, power supplies, and maintenance. Special emphasis is given to upgrading and troubleshooting existing equipment so you can get the most from your existing investments. This new edition is expanded to include: Detailed information about the latest motherboards and chipsets from AMD, Intel, SiS, and VIA Extensive coverage of the Pentium 4 and the latest AMD processors, including the Athlon XP/MP Full details about new hard drive standards, including the latest SCSI standards, ATA/133, Serial ATA, and the new 48-bit "Big Drive" ATA interface Extended coverage of DVD drives, including DVD-RAM, DVD-R/RW, and DVD+R/RW Details about Flat Panel Displays, including how to choose one (and why you might not want to) New chapters on serial communications, parallel communications, and USB communications (including USB 2.0) Enhanced troubleshooting coverage PC Hardware in a Nutshell, 3rd Edition provides independent, useful Page 2/23

and practical information in a no-nonsense manner with specific recommendations on components. Based on real-world testing over time, it will help you make intelligent, informed decisions about buying, building, upgrading, and repairing PCs in a cost effective manner that will help you maximize new or existing computer hardware systems. It's loaded with real-world advice presented in a concise style that clearly delivers just the information you want, without your having to hunt for it.

Trust the best selling Official Cert Guide series from Cisco Press to help you learn, prepare, and practice for exam success. They are built with the objective of providing assessment, review, and practice to help ensure you are fully prepared for your certification exam. --Master Cisco CCNA Security 210-260 Official Cert Guide exam topics -- Assess your knowledge with chapter-opening quizzes -- Review key concepts with exam preparation tasks This is the eBook edition of the CCNA Security 210-260 Official Cert Guide. This eBook does not include the companion CD-ROM with practice exam that comes with the print edition. CCNA Security 210-260 Official Cert Guide presents you with an organized testpreparation routine through the use of proven series elements and techniques. "Do I Know This Already?" guizzes open each chapter and enable you to decide how much time you need to spend on each section. Exam topic lists make referencing

easy. Chapter-ending Exam Preparation Tasks help you drill on key concepts you must know thoroughly. CCNA Security 210-260 Official Cert Guide focuses specifically on the objectives for the Cisco CCNA Security exam. Networking Security experts Omar Santos and John Stuppi share preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. Material is presented in a concise manner, focusing on increasing your understanding and retention of exam topics. Well regarded for its level of detail, assessment features, comprehensive design scenarios, and challenging review questions and exercises, this official study guide helps you master the concepts and techniques that will enable you to succeed on the exam the first time. The official study guide helps you master all the topics on the CCNA Security exam, including --Networking security concepts --Common security threats --Implementing AAA using IOS and ISE --Bring Your Own Device (BYOD) --Fundamentals of VPN technology and cryptography --Fundamentals of IP security --Implementing IPsec site-to-site VPNs --Implementing SSL remote-access VPNs using Cisco ASA -- Securing Layer 2 technologies --Network Foundation Protection (NFP) --Securing the management plane on Cisco IOS devices --Securing the data plane --Securing routing protocols and the control plane -- Understanding Page 4/23

firewall fundamentals --Implementing Cisco IOS zone-based firewalls -- Configuring basic firewall policies on Cisco ASA -- Cisco IPS fundamentals --Mitigation technologies for e-mail- and web-based threats -- Mitigation technologies for endpoint threats CCNA Security 210-260 Official Cert Guide is part of a recommended learning path from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. To find out more about instructor-led training, e-learning, and hands-on instruction offered by authorized Cisco Learning Partners worldwide, please visit http://www.cisco.com/web/learning/index.html. Find out how to isolate, understand, and solve problems encountered when managing users and PCs on Windows. Learn from a Microsoft MVP with many years' experience supporting Windows users with their Group Policy issues. This book will help you face the complexity of real world hardware and software systems and the unpredictability of user behavior, so you can get to the heart of the problem and set it right. Windows Group Policy Troubleshooting is your best-practice guide to Group Policy, showing you all that it can achieve, and how to repair problems when they occur. What You'll Learn Understand how Group Policy works Take a simple step-by-step approach to troubleshooting problems Apply Group Policy in Office applications $\frac{Page}{5/23}$

Absorb advanced Group Policy advice See expert tips and tricks related to Group Policy Who This Book Is For IT pros and system administrators are the audience for this book.

The commander of the USS Santa Fe provides leadership lessons from his experiences in implementing an empowerment style of command, giving crew members more decision making authority and accountability, with a focus on accomplishments.

Game Programming All in One, Third Edition gives aspiring game programmers the skills that are needed to create professional-quality games. If you have a working knowledge of C or C++ and are ready to expand your skills into the field of game programming, then get ready to begin your journey with this latest edition! You won't cover the topic of programming in general, but rather the specifics of programming for games. Using the cross-platform Allegro game library, you'll learn how to write complete games that will run on almost any operating system. Both Windows© and Linux© screenshots are displayed throughout. Using the techniques taught within this book and the tools included on the CD-ROM, you'll be able to write standard Windows and DirectX© programs without the cost of an expensive compiler.

There are more than one billion Android devices in use today, each one a potential target.

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Unfortunately, many fundamental Android security features have been little more than a black box to all but the most elite security professionals—until now. In Android Security Internals, top Android security expert Nikolay Elenkov takes us under the hood of the Android security system. Elenkov describes Android security architecture from the bottom up, delving into the implementation of major securityrelated components and subsystems, like Binder IPC, permissions, cryptographic providers, and device administration. You'll learn: -How Android permissions are declared, used, and enforced –How Android manages application packages and employs code signing to verify their authenticity -How Android implements the Java Cryptography Architecture (JCA) and Java Secure Socket Extension (JSSE) frameworks -About Android's credential storage system and APIs, which let applications store cryptographic keys securely -About the online account management framework and how Google accounts integrate with Android –About the implementation of verified boot, disk encryption, lockscreen, and other device security features -How Android's bootloader and recovery OS are used to perform full system updates, and how to obtain root access With its unprecedented level of depth and detail, Android Security Internals is a must-have for any security-minded Android developer. Structural colorations originate from self-organized

microstructures, which interact with light in a complex way to produce brilliant colors seen everywhere in nature. Research in this field is extremely new and has been rapidly growing in the last 10 years, because the elaborate structures created in nature can now be fabricated through various types of nanotechnologies. Indeed, a fundamental book covering this field from biological, physical, and engineering viewpoints has long been expected. Coloring in nature comes mostly from inherent colors of materials, though it sometimes has a purely physical origin such as diffraction or interference of light. The latter, called structural color or iridescence, has long been a problem of scientific interest. Recently, structural colors have attracted great interest because various photonic architectures, now developing in modern technologies, have been spontaneously created in the self-organization process and have been extensively used as one of the important visual functions. In this book, the fundamental optical properties underlying structural colors are explained, and these mysteries of nature are surveyed from the viewpoint of biological diversity and according to their sophisticated structures. The book proposes a general principle of structural colors based on the structural hierarchy and presents up-to-date applications.

Learn to Use TechSmith Camtasia 2021 Skills in Just One Day! "TechSmith Camtasia 2021: The Essentials" is a handson, step-by-step workbook that will introduce you to the essential TechSmith Camtasia skills you need to quickly get up and running with this fantastic eLearning development tool. Using Camtasia, you can create software video demonstrations and soft skills eLearning videos. This book will teach you how! During the real-world activities in this book, you will learn how to create eLearning projects from scratch. You will learn how to create software video demonstrations using the Camtasia Recorder. You will use

the Camtasia Editor to add animations, record and edit voiceover audio, add graphics, music, annotations, closed captions, guizzes, and how to import slides from existing PowerPoint presentations into a Camtasia project. Learn to export your finished Camtasia projects so they can be accessed by learners using desktop computers, laptops, tablets, and smartphones. You will also set up published content to be hosted on a web server, LMS, YouTube, and Screencast.com. This book features: All of the Camtasia projects, images, audio files, videos, and other assets needed to get started (Just download and install the free Camtasia 30-day trial from the TechSmith website and jump in.) Dozens of step-by-step, hands-on activities Confidence Checks to challenge your new skills Hundreds of supporting screenshots For too long, developers have worked on disorganized application projects, where every part seemed to have its own build system, and no common repository existed for information about the state of the project. Now there's help. The long-awaited official documentation to Maven is here. Written by Maven creator Jason Van Zyl and his team at Sonatype, Maven: The Definitive Guide clearly explains how this tool can bring order to your software development projects. Maven is largely replacing Ant as the build tool of choice for large open source Java projects because, unlike Ant, Maven is also a project management tool that can run reports, generate a project website, and facilitate communication among members of a working team. To use Maven, everything you need to know is in this guide. The first part demonstrates the tool's capabilities through the development, from ideation to deployment, of several sample applications -- a simple software development project, a simple web application, a multi-module project, and a multimodule enterprise project. The second part offers a complete reference guide that includes: The POM and Project $\frac{Page}{P}$

Relationships The Build Lifecycle Plugins Project website generation Advanced site generation Reporting Properties Build Profiles The Maven Repository Team Collaboration Writing Plugins IDEs such as Eclipse, IntelliJ, ands NetBeans Using and creating assemblies Developing with Maven Archetypes Several sources for Maven have appeared online for some time, but nothing served as an introduction and comprehensive reference guide to this tool -- until now. Maven: The Definitive Guide is the ideal book to help you manage development projects for software, web applications, and enterprise applications. And it comes straight from the source.

Montgomery, Alabama, is the birthplace of the Confederacy and the site of many protests during the Civil Rights Movement. A constant battleground of morals and politics, the city has been in a downward spiral for decades. Its buildings are a reminder of its storied, and in many ways. controversial past. David Bulit, a long-time photographer and historian, guides readers through the city's lesser known history. Abandoned Montgomery features the house on Goldthwaite, a mansion built for a U.S. marshal, located in what was once a wealthy and thriving neighborhood; the Grove Court Apartments, a complex built to fill the influx of people in the city following World War II; the Sayre Street School, a once historic school turned funeral home; Capitol City Dry Cleaners, part of a superfund site which contaminated part of the city's groundwater; the town of Spectre, a movie set used for the movie Big Fish; and much more.

Direct3D 11 offers such a wealth of capabilities that users can sometimes get lost in the details of specific APIs and their implementation. While there is a great deal of low-level information available about how each API function should be used, there is little documentation that shows how best to

leverage these capabilities. Written by active me Getting kissed for a birthday present should not be a big deal. Especially for Brea Mason, who doesn't think of her best friend, Adam Silver, in any way other than... well, a friend. But after the liplock she can't seem to get him off her mind. And she has to, because Adam is a senior while she's stuck in high school for another two years. Then BAM, the perfect distraction comes along in the form of a new, hot sophomore who actually seems interested in Brea, despite her anti-social personality. And with the stress at home, stress at school, and ignoring the reality of all her friends leaving come June, Brea welcomes the distraction. But when she sees four fat Fs on her report card. Brea needs a study buddy, and the best candidate is Adam, book nerd and math whiz. So she enlists his help, hoping the birthday kiss was just a fluke. After all, she has a boyfriend now. It should be easy to ignore the butterflies and fizzy feelings that arise with the bookworm... right?

Filled with infographics, visuals, and case studies—a vibrant, practical guide to creating a winning business model for any startup The Startup Equation leads you step by step through the decisions and data to find your perfect startup model. You'll learn how to identify your "entrepreneurial type" and follow the book's visual roadmap to building your own successful business plan for your unique dream. The book provides the blueprint for not only understanding the startup economy, but the challenges and opportunities for every type of new business. Steve Fisher is co-founder of the Revolution Factory, a global network that funds, builds, and launching new products. He is also co-founder of The Revolution Institute, a global nonprofit that promotes social good. Ja-Naé Duane is a speaker, strategist, social scientist, artist, creative economist, and author of How to Start Your Business with \$100.

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Adobe PageMaker 7.0Adobe Press

This beginning guide reviews HTML and also introduces you to using XHTML for the structure of a web page and cascading style sheets (CSS) for controlling how a document should appear on a web page. You?ll learn how to take advantage of the latest features of browsers while making sure that your pages still work in older, but popular, browsers. By incorporating usability and accessibility, you?ll be able to write professional-looking and well-coded web pages that use the latest technologies.

While providing many accounts of near-death experiences (NDEs) from men, women, and children of all ages and backgrounds, Lessons from the Light is much more than just an inspiring collection of NDEs. In Lessons near-death expert Kenneth Ring extracts the pure gold of the NDE and with a beautiful balance of sound research and human insight reveals the practical wisdom held within these experiences. As Stanley Krippner states, "In this remarkable book, Ring presents evidence that merely learning about the near-death experience has similar positive effects to those reported by people who actually have had near-death experiences. Kenneth Ring is one of the few authors whose gifts include the capacity to transform their readers' lives."

The impact of information technology on the management of healthcare has been enormous in recent years, and it continues to grow in scope and complexity. This book presents papers from the 2014 International Conference on Informatics, Management, and

Technology in Healthcare (ICIMTH), held in Athens, Greece, in July 2014. The book includes 79 full papers and 12 poster presentations as well as keynotes, two workshops and three tutorials. Papers are divided into sections including: clinical informatics; decision support and intelligent systems; e-learning and education; health informatics, information management and technology assessment; healthcare IT; mobile technology in healthcare; public health informatics and issues; social and legal issues; and telemedicine. The book will be of interest to all those whose work involves the use of biomedical and health informatics.

This ILT Series course covers the fundamentals of using QuickBooks 2010 to track the finances of a small business. Students will learn how to set up a new company, manage bank account transactions, maintain customer, job, and vendor information, manage inventory, generate reports, and use the Company Snapshot window. Students will also create invoices and credit memos, write and print checks, add custom fields, set up budgets, and learn how to protect and back up their data.

Safeguarding the confidentiality, authenticity, integrity, and non-repudiation of information is paramount to organizational stability and success. This new book provides an understanding of information security, potential threats to our information, and effective countermeasures to proactively combat those threats. A comprehensive review of cryptographic techniques is presented and explained in simple mathematical terms. The text covers symmetrical and asymmetrical

encryption, digital signatures, Kerberos, creation/deployment of strong keys and passwords, Virtual Private Networks, SET, SSL, SSH, IPSec, and authentication techniques. A detailed examination of Tiny Encryption Algorithm (TEA) exposes readers to the inner workings of encryption. CD-ROM experiments help solidify the learning experience. Emphasis throughout is on the application of the cryptographic methods and support structures needed to effectively apply the principles to create a secure business setting. This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Cisco Press has the only self-study guides approved by Cisco for the new CCENT and CCNA Routing and Switching certifications. The new edition of the best-selling two-book value priced CCNA Official Cert Guide Library includes updated content, new online practice exercises, more than 600 practice exam questions, and more than 2 hours of video training, plus the CCENT and CCNA Network Simulator Lite Editions with 43 free Network Simulator labs. CCNA Routing and Switching 200-125 Official Cert Guide Library is a comprehensive review and practice package for the latest CCNA exams and is the only self-study resource approved by Cisco. The two books contained in this package, CCENT/CCNA ICND1 100-105 Official Cert Guide and CCNA Routing and Switching ICND2 200-105 Official Cert Guide, present complete reviews and more challenging and realistic preparation experiences. The books have been fully updated to refresh the content for

the latest CCNA exam topics and to enhance certain key topics that are critical for exam success. Best-selling author and expert instructor Wendell Odom shares preparation hints and test-taking tips, helping you identify areas of weakness and improve both your conceptual knowledge and hands-on skills. This complete study package includes · A test-preparation routine proven to help you pass the exams . "Do I Know This Already?" quizzes, which enable you to decide how much time you need to spend on each section · Chapter-ending and partending exercises, which help you drill on key concepts you must know thoroughly . Troubleshooting sections, which help you master the complex scenarios you will face on the exam · The powerful Pearson IT Certification Practice Test software, complete with hundreds of wellreviewed, exam-realistic questions, customization options, and detailed performance reports · A free copy of the CCNA ICND1 and ICND2 Network Simulator Lite software, complete with meaningful lab exercises that help you hone your hands-on skills with the commandline interface for routers and switches · Links to a series of hands-on config labs developed by the author · Online interactive practice exercises that help you hone your knowledge · More than 2 hours of video mentoring from the author · A final preparation chapter, which guides you through tools and resources to help you craft your review and test-taking strategies · Study plan suggestions and templates to help you organize and optimize your study time Well regarded for its level of detail, study plans, assessment features, challenging review questions and exercises, video instruction, and hands-on labs, these

official study guides help you master the concepts and techniques that ensure your exam success. These official study guides help you master all the topics on the CCNA exams, including · Networking fundamentals · Implementing basic Ethernet LANs · Ethernet LANs: design, VLANs, and troubleshooting · IPv4 addressing and subnetting · Implementing IPv4 · IPv4 design and troubleshooting · IPv4 services: ACLs, NAT, and QoS · IPv4 routing protocols and routing · Wide area networks · IPv6 · Network management, SDN, and cloud computing This book features 27 integrated essays that offer access to the art, life, and legacy of one of the world's most influential artists.

Teaching users new and more powerful ways of thinking about programs, this two-in-one text contains a tutorial--full of examples--that explains all the essential concepts of Lisp programming, plus an up-to-date summary of ANSI Common Lisp. Informative and fun, it gives users everything they need to start writing programs in Lisp and highlights innovative Lisp features. THE PERCEPTION, UNDERSTANDING, AND USES OF COLOR—EXPANDED AND REFRESHED Understanding Color is an essential resource for those needing to become proficient in color for business applications. The peerless treatment of this critical subject is beautifully illustrated with real-world examples. Designers have turned to this guide for nearly a generation for its authoritative and accessible instruction. The knowledge contained in this book sets you apart from other designers by enabling you to: Contribute more effectively to discussions on color harmony, complete

with a vocabulary that enables in-depth understanding of hue, value, and saturation Apply the most-up-to-date information on digital color to your projects Address issues involved when colors must be translated from one medium to another Troubleshoot and overcome today's most common challenges of working with color Full-color images showcase real design examples and a companion website features a digital workbook for reinforcing color concepts. From theory and practical implementation to the business and marketing aspects, Understanding Color helps you gain a deep and discriminating awareness of color.

Precalculus with Trigonometry: Concepts and Applications

From Carnegie Medal finalist Jenny Valentine comes a bold new story about the boundlessness of love and second chances, perfect for fans of David Levithan's Every Day. Jude doesn't believe in love, or magic. Life is little more than ordinary. That is, until Jude's mother loses her job and moves them to a little town by the sea to live with Henry Lake--an eccentric old man with rooms to rent. Henry is odd, the town is dull, and worst of all, Jude feels out of place and alone. So when Novo turns up in the house across the street, dressed all in black and looking unbearably handsome, Jude's summer takes an immediate turn for the better. But Novo isn't all that he seems to be--or maybe he's more than Jude can possibly understand. Novo is pure magic--someone who can bend and stretch the bounds of time. Someone who wakes up in different places and at different points in history with utter regularity. He knows that each Now is

fleeting, that each moment is only worth the energy it expends on itself, and that each experience he has will be lost to him before long. But Jude and Novo form a bond that shifts reality for both of them. Jude begins to question what forever really means--only to find out that Novo knows that forever isn't real. And when things go horribly wrong, Jude and Novo are faced with an impossible question that may change both of their lives irreparably--what is worth sacrificing for love? A stunningly written, compelling exploration of the universality of love--and what it means to live in the moment--that guite literally defies both logic and time. A love story without borders that reflects the best of our modern world. Praise for Hello Now: * "Babbitt's Tuck Everlasting revisioned as a passionate YA love story, this is an exquisitely told romantic fantasy, golden yet lacerating." -- BCCB, STARRED REVIEW If you think Knoppix is just a Linux demo disk, think again. Klaus Knopper created an entire Linux distribution on a bootable CD (and now a DVD) so he could use his favorite open source tools on any computer. This book includes a collection of tips and techniques for using the enormous amount of software Knoppix offers-not just to work and play, but also to troubleshoot, repair, upgrade, and disinfect your system without having to install a thing. Knoppix Hacks is just like the distribution it covers: a veritable Swiss Army knife packed full of tools. Scores of industrial-strength hacks-many of them new to this second edition-cover both the standard Knoppix CD and the feature-rich DVD "Maxi" distribution, which is included with this book. Discover how to use Knoppix to

its full potential as your desktop, rescue CD, or as a launching point for your own live CD. With Knoppix Hacks, you can: Investigate features of the KDE desktop and its Internet applications Save your settings and data between reboots with persistent storage Employ Knoppix as a system administration multitool to replace failed servers and more Use the CD/DVD as a rescue disc to repair filesystems or a system that won't boot Rescue Windows systems with Knoppix to back up files and settings, hack the registry, and more Explore other live CDs based on Knoppix that could augment your system Easily install the popular Debian GNU/Linux distribution with all of your hardware detected and configured Remaster Knoppix to include your favorite software and custom branding Whether you're a new Linux user, power user, or system administer, this book helps you take advantage of Knoppix and customize it to your needs. You may just find ways to use Knoppix that you never considered.

"The book that Microsoft should have written, but didn't." --Jeremy Allison, Samba Team "Your detailed explanations are clear and backed-up with source code--and the numerous bits of humor make a dry subject very enjoyable to read." --J.D. Lindemann, network engineer, Adaptec, Inc. The first developer's guide to Microsoft(R)'s Internet/Intranet file sharing standard For years, developers and administrators have struggled to understand CIFS, Microsoft's poorly documented standard for Internet file sharing. Finally, there is an authoritative, cross-platform guide to CIFS capabilities and behavior. Implementing CIFS not only

delivers the priceless knowledge of a Samba Team member dedicated to investigating the inner workings of CIFS, it also identifies and describes crucial specifications and supporting documents. Provides essential information for designing and debugging large Windows(R) and/or Samba networks Offers clear, indepth introductions to Server Message Block (SMB), NetBIOS over TCP/IP (NBT), browser services, and authentication Drills down into the internals of CIFS, exposing its behavior on the wire and at the desktop--and its strange guirks Presents illustrative code examples throughout Reflects years of work reviewing obscure documentation, packet traces, and sourcecode Includes the SNIA CIFS Technical Reference Implementing CIFS will be indispensable to every developer who wants to provide CIFS compatibility--and every administrator or security specialist who needs an in-depth understanding of how it really works. A survey of real-time systems and the programming languages used in their development. Shows how modern real-time programming techniques are used in a wide variety of applications, including robotics, factory automation, and control. A critical requirement for such systems is that the software must "Windows 10 for Seniors is the ideal book for seniors who have worked with an earlier version of Windows on a desktop or laptop computer and want to get started right away with Windows 10. All of the most important topics are covered, such as using the Internet safely, sending and receiving email and working with files and folders. You will also learn how to organize and view

photos and videos and listen to music in Windows 10. Step by step, in your own tempo, you will get acquainted with the new and renewed programs in Windows 10. You will get familiar with the new Start menu and learn how to adjust the settings to make Windows 10 easier and more comfortable to work with. The book contains additional exercises to repeat and reinforce everything you have learned. Instructional videos are also available on the website that accompanies this book. They explain how to perform specific tasks"--

An updated, richly illustrated guide to creating 3D animation and special effects offers a step-by-step approach to the latest artistic and technical 3D animation techniques, taking readers through the entire process of creating a fully rendered 3D computer animation on any computer platform and covering such topics as multiple production pipelines, motion capture, image-based rendering, and more. Original. (Intermediate) Learn how to build apps for mobile devices on Cloud platforms The marketplace for apps is ever expanding, increasing the potential to make money. With this guide, you'll learn how to build cross-platform applications for mobile devices that are supported by the power of Cloudbased services such as Amazon Web Services. An introduction to Cloud-based applications explains how to use HTML5 to create cross-platform mobile apps and then use Cloud services to enhance those apps. You'll learn how to build your first app with HTML5 and set it up in the Cloud, while also discovering how to use jQuery to your advantage. Highlights the skills and knowledge you need to create successful apps for mobile devices with

HTML5 Takes you through the steps for building web applications for the iPhone and Android Details how to enhance your app through faster launching, touch vs. click, storage capabilities, and a cache Looks at how best to use JSON, FourSquare, jQuery, AJAX, and more Shares tips for creating hybrid apps that run natively If you're interested in having your application be one of the 200,000+ apps featured in the iPhone store or the 50,000+ in the Android store, then you need this book. An affordable, easily scannable one-day training guide designed for use in instructor-led training courses. Showcases the computer graphics program's updated features while demonstrating fundamental and advanced Pagemaker concepts and displaying professionally designed projects.

Molecular Dynamics Simulation of Nanocomposites using BIOVIA Materials Studio, Lammps and Gromacs presents the three major software packages used for the molecular dynamics simulation of nanocomposites. The book explains, in detail, how to use each of these packages, also providing real-world examples that show when each should be used. The latter two of these are open-source codes which can be used for modeling at no cost. Several case studies how each software package is used to predict various properties of nanocomposites, including metal-matrix, polymer-matrix and ceramic-matrix based nanocomposites. Properties explored include mechanical, thermal, optical and electrical properties. This is the first book that explores methodologies for using Materials Studio, Lammps and Gromacs in the same place. It will be beneficial for

students, researchers and scientists working in the field of molecular dynamics simulation. Gives a detailed explanation of basic commands and modules of Materials Studio, Lammps and Gromacs Shows how Materials Studio, Lammps and Gromacs predict mechanical, thermal, electrical and optical properties of nanocomposites Uses case studies to show which software should be used to solve a variety of nanoscale modeling problems

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