

Hp Touchpad Tweaking Guide

*The Institute of Food Technologists (IFT) recently endorsed the use of computers in food science education. The minimum standards for degrees in food science, as suggested by IFT, "require the students to use computers in the solution of problems, the collection and analysis of data, the control processes, in addition to word processing."Because they are widely used in business, allow statistical and graphical of experimental data, and can mimic laboratory experimentation, spreadsheets provide an ideal tool for learning the important features of computers and programming. In addition, they are ideally suited for food science students, who usually do not have an extensive mathematical background. Drawing from the many courses he has taught at UC Davis, Dr. Singh covers the general basics of spreadsheets using examples specific to food science. He includes more than 50 solved problems drawn from key areas of food science, namely food microbiology, food chemistry, sensory evaluation, statistical quality control, and food engineering. Each problem is presented with the required equations and detailed steps necessary for programming the spreadsheet. Helpful hints in using the spreadsheets are also provided throughout the text. Key Features * The first book to integrate spreadsheets in teaching food science and technology * Includes more than 50 solved examples of spreadsheet use in food science and engineering * Presents a step-by-step introduction to spreadsheet use * Provides a food composition database on a computer disk*

Gain the Sybex advantage with this complete guide to A+ certification The CompTIA A+ Complete Study Guide is your complete solution for A+ exam preparation. Covering 100% of Exam 220-901 and Exam 220-902 objectives, this book gives you everything you need to ensure that you not only understand the basics of IT, but that you can demonstrate your understanding effectively. Now in its third edition, this guide has been updated to reflect the exam's new focus. Coverage includes the latest best practices, Windows 8/8.1 and mobile OSes, and an emphasis on the practical skills required on the job. Clear and concise, this book helps you solidify your understanding of crucial hardware and operating system maintenance and troubleshooting topics covered on the exam. You also gain access to the Sybex exclusive online interactive learning environment and test bank, featuring bonus practice exams, electronic flashcards, and a searchable PDF glossary of the most important terms you need to understand. The CompTIA A+ certification is the essential computer technician credential, and is required by over 100 leading employers. This book helps you prepare and practice so you can approach the exam with confidence, and pass with flying colors. Review the components of personal computers, laptops, and portable devices Understand operating systems, networks, and security Get up to speed on safety and environmental issues Practice effective communication and the "soft skills" of professionalism More than just a review of computer parts, this book covers everything you'll see on the exam. Why go in unprepared when you can have the Sybex advantage?

Windows 8 is quite different than previous Microsoft operating systems, but it's still eminently hackable. With this book, you'll learn how to make a variety of modifications, from speeding up boot time and disabling the Lock screen to hacking native apps and running Windows 8 on a Mac. And that's just the beginning. You'll find more than 100 standalone hacks on performance, multimedia, networking, the cloud, security, email, hardware, and more. Not only will you learn how to use each hack, you'll also discover why it works. Add folders and other objects to the Start screen Run other Windows versions inside Windows 8 Juice up performance and track down bottlenecks Use the SkyDrive cloud service to sync your files everywhere Speed up web browsing and use other PCs on your home network Secure portable storage and set up a virtual private network Hack Windows 8 Mail and services such as Outlook Combine storage from different devices into one big virtual disk Take control of Window 8 setting with the Registry

In Pro OpenGL ES for Android, you'll find out how to harness the full power of OpenGL ES, and design your own 3D applications by building a fully-functional 3D solar system model using Open GL ES! OpenGL has set the standard for 3D computer graphics, and is an essential aspect of Android development. This book offers everything you need to know, from basic mathematical concepts to advanced coding techniques.

You'll learn by building a fascinating 3D solar system simulator! After introducing Open GL ES, Pro OpenGL ES for Android explains the basics of 3D math and then orients you to the native Android 3D libraries you'll be using in your own 3D games and the solar system project you'll build using this book. Through the solar system example project, you'll learn how to incorporate a variety of graphic and animation techniques into your applications. You will also discover how the full spectrum of 3D development that awaits, with topics such as lighting, texture-mapping, modeling, shaders, blending modes, and several more advanced concepts. By the time you finish Pro OpenGL ES for Android, you'll have learned all the skills you'll need to build your own incredible 3D applications, based on one of the most powerful 3D libraries available.

Programming the TI-83 Plus/TI-84 Plus

The Missing Manual

Complete A+ Guide to IT Hardware and Software

Exams 220-901 and 220-902

Windows 10 For Dummies

Python for Everybody

Peter Norton's Introduction to Computers

Master IT hardware and software installation, configuration, repair, maintenance, and troubleshooting and fully prepare for the CompTIA® A+ Core 1 (220-1001) and Core 2 (220-1002) exams. This is your all-in-one, real-world, full-color guide to connecting, managing, and troubleshooting modern devices and systems in authentic IT scenarios. Its thorough instruction built on the CompTIA A+ Core 1 (220-1001) and Core 2 (220-1002) exam objectives includes coverage of Windows 10, Mac, Linux, Chrome OS, Android, iOS, cloud-based software, mobile and IoT devices, security, Active Directory, scripting, and other modern techniques and best practices for IT management. Award-winning instructor Cheryl Schmidt also addresses widely-used legacy technologies—making this the definitive resource for mastering the tools and technologies you'll encounter in real IT and business environments. Schmidt's emphasis on both technical and soft skills will help you rapidly become a well-qualified, professional, and customer-friendly technician. LEARN MORE QUICKLY AND THOROUGHLY WITH THESE STUDY AND REVIEW TOOLS: Learning Objectives and chapter opening lists of CompTIA A+ Certification Exam Objectives make sure you know exactly what you'll be learning, and you cover all you need to know Hundreds of photos, figures, and tables present information in a visually compelling full-color design Practical Tech Tips provide real-world IT tech support knowledge Soft Skills best-practice advice and team-building activities in every chapter cover key tools and skills for becoming a professional, customer-friendly technician Review Questions—including true/false, multiple choice, matching, fill-in-the-blank, and open-ended questions—carefully assess your knowledge of each learning objective Thought-provoking activities help students apply and reinforce chapter content, and allow instructors to “flip” the classroom if they choose Key Terms identify exam words and phrases associated with each topic Detailed Glossary clearly defines every key term Dozens of Critical Thinking Activities take you beyond the facts to deeper understanding Chapter Summaries recap key concepts for more efficient studying Certification Exam Tips provide insight into the certification exam and preparation process

Python for Everybody is designed to introduce students to programming and software development through the lens of exploring data. You can think of the Python programming language as your tool to solve data problems that are beyond the capability of a spreadsheet.Python is an easy to use and easy to learn programming language that is freely available on Macintosh, Windows, or Linux computers. So once you learn Python you can use it for the rest of your career without needing to purchase any software. This book uses the Python 3 language. The earlier Python 2 version of this book is titled "Python for Informatics: Exploring Information".There are free downloadable electronic copies of this book in various formats and supporting materials for the book at www.pythonlearn.com. The course materials are available to you under a Creative Commons License so you can adapt them to teach your own Python course.

The definitive story of a game so great, even the Cold War couldn't stop it Tetris is perhaps the most instantly recognizable, popular video game ever made. But how did an obscure Soviet programmer, working on frail, antiquated computers, create a product which has now earned nearly 1 billion in sales? How did a makeshift game turn into a worldwide sensation, which has been displayed at the Museum of Modern Art, inspired a big-budget sci-fi movie, and been played in outer space? A quiet but brilliant young man, Alexey Pajitnov had long nurtured a love for the obscure puzzle game pentominoes, and became obsessed with turning it into a computer game. Little did he know that the project that he labored on alone, hour after hour, would soon become the most addictive game ever made. In this fast-paced business story, reporter Dan Ackerman reveals how Tetris became one of the world's first viral hits, passed from player to player, eventually breaking through the Iron Curtain into the West. British, American, and Japanese moguls waged a bitter fight over the rights, sending their fixers racing around the globe to secure backroom deals, while a secretive Soviet organization named ELORG chased down the game's growing global profits. The Tetris Effect is an homage to both creator and creation, and a must-read for anyone who's ever played the game—which is to say everyone.

Your ultimate guide to pentesting with Kali Linux Kali is a popular and powerful Linux distribution used by cybersecurity professionals around the world. Penetration testers must master Kali's varied library of tools to be effective at their work. The Kali Linux Penetration Testing Bible is the hands-on and methodology guide for pentesting with Kali. You'll discover everything you need to know about the tools and techniques hackers use to gain access to systems like yours so you can erect reliable defenses for your virtual assets. Whether you're new to the field or an established pentester, you'll find what you need in this comprehensive guide. Build a modern dockerized environment Discover the fundamentals of the bash language in Linux Use a variety of effective techniques to find vulnerabilities (OSINT, Network Scan, and more) Analyze your findings and identify false positives and uncover advanced subjects, like buffer overflow, lateral movement, and privilege escalation Apply practical and efficient pentesting workflows Learn about Modern Web Application Security Secure SDLC Automate your penetration testing with Python

LS Swaps

AA CompTIA A+ Core 1 (220-1001) & CompTIA A+ Core 2 (220-1002) Textbook

Kali Linux Penetration Testing Bible

Your Guide to the Digital Sheet Music Revolution

Ergonomic Workplace Design for Health, Wellness, and Productivity

Windows 8 Hacks

Principles of Marketing

Even with today ' s mobile technology, most work is still undertaken in a physical workplace. Today ' s workplaces need to be healthy environments that minimize the risks of illnesses or injuries to occupants to compete in the marketplace. This necessitates the application of good ergonomics design principles to the creation of effective workplaces, and this is the focus of this book. This book will:
· Focus on ergonomic design for better health and ergonomic design for better productivity
· Presents environments that support new ways of working and alternative workplace strategies, as well as the impacts of new technologies
· Covers the role of ergonomics design in creating sustainable workplaces
· Includes ergonomics design for a wide variety of workplaces, from offices to hospitals, to hotels to vehicles, etc...
· Shows the design principles on how to design and create a healthy and productive workplace
The market lacks an ergonomics design book that covers the topics that this book will cover. This book summarizes design principles for practitioners, and applies them to the variety of workplace settings described in the book. No other book currently on the market does that.

An introduction to marketing concepts, strategies and practices with a balance of depth of coverage and ease of learning. Principles of Marketing keeps pace with a rapidly changing field, focussing on the ways brands create and capture consumer value. Practical content and linkage are at the heart of this edition. Real local and international examples bring ideas to life and new feature 'linking the concepts' helps students test and consolidate understanding as they go. The latest edition enhances understanding with a unique learning design including revised, integrative concept maps at the start of each chapter, end-of-chapter features summarising ideas and themes, a mix of mini and major case studies to illuminate concepts, and critical thinking exercises for applying skills.

Based upon the authors' experience in designing and deploying an embedded Linux system with a variety of applications, Embedded Linux System Design and Development contains a full embedded Linux system development roadmap for systems architects and software programmers. Explaining the issues that arise out of the use of Linux in embedded systems, the book facilitates movement to embedded Linux from traditional real-time operating systems, and describes the system design model containing embedded Linux. This book delivers practical solutions for writing, debugging, and profiling applications and drivers in embedded Linux, and for understanding Linux BSP architecture. It enables you to understand: various drivers such as serial, I2C and USB gadgets; uClinux architecture and its programming model; and the embedded Linux graphics subsystem. The text also promotes learning of methods to reduce system boot time, optimize memory and storage, and find memory leaks and corruption in applications. This volume benefits IT managers in planning to choose an embedded Linux distribution and in creating a roadmap for OS transition. It also describes the application of the Linux licensing model in commercial products.

Summary Programming the TI-83 Plus/TI-84 Plus is an example-filled, hands-on tutorial that introduces students, teachers, and professional users to programming with the TI-83 Plus and TI-84 Plus graphing calculators. This fun and easy-to-read book immediately immerses you in your first programs and guides you concept-by-concept, example-by-example. You'll learn to think like a programmer as you use the TI-BASIC language to design and write your own utilities, games, and math programs. About the Technology The TI-83 Plus and TI-84 Plus are more than just powerful graphing calculatorst—they are the perfect place to start learning to program. The TI-BASIC language is built in, so you have everything you need to create your own math and science programs, utilities—even games. About the Book Programming the TI-83 Plus/TI-84 Plus teaches universal programming concepts and makes it easy for students, teachers, and professionals to write programs for the world's most popular graphing calculators. This friendly tutorial guides you concept-by-concept, immediately immersing you in your first programs. It introduces TI-BASIC and z80 assembly, teaches you tricks to slim down and speed up your programs, and gives you a solid conceptual base to explore other programming languages. This book is written for beginners—no programming backgroundis assumed. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside Works with all models of the TI-83, TI-83+, and TI-84+ Learn to think like a programmer Learn concepts you can apply to any language Advanced concepts such as hybrid BASIC and ASM Table of Contents PART 1 GETTING STARTED WITH PROGRAMMING Diving into calculator programming Communication: basic input and output Conditionals and Boolean logic Control structures Theory interlude: problem solving and debugging PART 2 BECOMING A TI-BASIC MASTER Advanced input and events Pixels and the graphscreen Graphs, shapes, and points Manipulating numbers and data types PART 3 ADVANCED CONCEPTS: WHAT'S NEXT Optimizing TI-BASIC programs Using hybrid TI-BASIC libraries Introducing z80 assembly Now what? Expanding your programming horizons

Help, My Computer is Broken

A Craftsman's Guide to Software Structure and Design

133 Gadgets, 8 Categories

Tips & Tools for Exploring, Using, and Tuning Linux

Teach Yourself VISUALLY LinkedIn

Learning Python

Tips & Tools for Unlocking the Power of Tablets and Desktops

"The Lean Entrepreneur" banishes the "Myth of the Visionary" and shows you how you can implement proven, actionable techniques to create products and disrupt existing markets on your way to entrepreneurial success. This guide combines the concepts of customer insight, rapid experimentation, and actionable data from the Lean Startup methodology to allow individuals, teams, or even entire companies to solve problems, create value, and ramp up their vision quickly and efficiently.

"From Paper to Pixels" is a guide for musicians making the transition from paper sheet music to digital sheet music readers and apps. From selecting the perfect tablet or computer to finding the right apps and tools for reading and writing music, exploring online sheet music resources and – most importantly – how to get music into your tablet or computer of choice, this comprehensive guide is written in a fun, breezy style, designed to soothe the fears of even the most techno-phobic musician. "From Paper to Pixels" will show you:
•10 Reasons Why Pixels Are Better Than Paper
•The Four C's Of Putting Together The Perfect Digital Sheet Music Reader
•How To Put Sheet Music Into Your Tablet Or Computer
•Cool Things You Never Knew You Could Do With Digital Sheet Music And much, much more! "From Paper to Pixels" was written for every kind of musician reading all types of music, from traditional music notation to lyric sheets, chord charts, and tablature. No matter what style or musical background you come from, you'll find this book to be an invaluable resource. "From Paper to Pixels" was written by Hugh Sung, a professional classical "paperless pianist" who is a pioneer of digital sheet music and a teacher who loves to empower learners. After performing around the world, recording multiple albums, and serving on the faculty of the venerable Curtis Institute of Music in Philadelphia for 19 years, Hugh combined his passion for music and technology and co-founded AirTurn, a company that develops technologies for musicians (www.airturn.com). For additional materials and tutorials, visit the companion website to this book at www.frompapertopixels.com

A car PC or carputer is a car tricked-out with electronics for playing radio, music and DVD movies, connecting to the Internet, navigating and tracking with satellite, taking photos, and any electronic gadget a person wants in a car. All these devices are managed and controlled through a single screen or interface. The only place car PC enthusiasts can go for advice, tips and tools is a handful of hard-to-find Web sites--until now. Car PC Hacks is your guide into the car PC revolution. Packing MP3 players, handheld devices, computers and video-on-demand systems gives you a pile too heavy to carry. But add a car and put them together, you've got a powerful and mobile multimedia center requiring no lifting. The next time you give kids a lift, you won't hear, "Are we there yet?" Instead, expect "We're there already?" as they won't want to leave the car while playing video games from multiple consoles. Car PC Hacks is the first book available to introduce and entrench you into this hot new market. You can count on the book because it hails from O'Reilly, a trusted resource for technical books. Expect innovation, useful tools, and fun experiments that you've come to expect from O'Reilly's Hacks Series. Maybe you've hacked computers and gadgets, and now you're ready to take it to your car. If hacking is new and you would like to mix cars and computers, this book gets you started with its introduction to the basics of car electrical systems. Even when you're unclear on the difference between amps and watts, expect a clear explanation along with real-life examples to get on track. Whether you're venturing into car PC for the first time or an experienced hobbyist, hop in the book for a joy ride.

Ubuntu Linux--the most popular Linux distribution on the planet--preserves the spirit embodied in the ancient African word ubuntu, which means both "humanity to others" and "I am what I am because of who we all are." Ubuntu won the Linux Journal Reader's Choice Award for best Linux distribution and is consistently the top-ranked Linux variant on DistroWatch.com. The reason this distribution is so widely popular is that Ubuntu is designed to be useful, usable, customizable, and always available for free worldwide. Ubuntu Hacks is your one-stop source for all of the community knowledge you need to get the most out of Ubuntu: a collection of 100 tips and tools to help new and experienced Linux users install, configure, and customize Ubuntu. With this set of hacks, you can get Ubuntu Linux working exactly the way you need it to. Learn how to: Install and test-drive Ubuntu Linux. Keep your system running smoothly Turn Ubuntu into a multimedia powerhouse: rip and burn discs, watch videos, listen to music, and more Take Ubuntu on the road with Wi-Fi wireless networking, Bluetooth, etc. Hook up multiple displays and enable your video card's 3-D acceleration Run Ubuntu with virtualization technology such as Xen and VMware Tighten your system's security Set up an Ubuntu-powered server Ubuntu Hacks will not only show you how to get everything working just right, you will also have a great time doing it as you explore the powerful features lurking within Ubuntu. "Put in a nutshell, this book is a collection of around 100 tips and tricks which the authors choose to call hacks, which explain how to accomplish various tasks in Ubuntu Linux. The so called hacks range from down right ordinary to the other end of the spectrum of doing specialised things...More over, each and every tip in this book has been tested by the authors on the latest version of Ubuntu (Dapper Drake) and is guaranteed to work. In writing this book, it is clear that the authors have put in a lot of hard work in covering all facets of configuring this popular Linux distribution which makes this book a worth while buy." -- Ravi Kumar, Slashdot.org

Beginning Fedora Desktop

How to Swap Your Carb for Electronic Fuel Injection

Chromebook For Dummies

How Visionaries Create Products, Innovate with New Ventures, and Disrupt Markets

The Lean Entrepreneur

Ubuntu

A Complete Introduction

Get the most out of your Google Chromebook Are you the proud new owner of a Google Chromebook and a little—or a lot—intimidated by the technology? You've come to the right place! Chromebook For Dummies walks you through setting up the device, transitioning from traditional computers and working in the cloud, customizing Chromebook to suit your needs,

navigating the apps and their uses, and applying advanced settings and features. Fear not: with the step-by-step guidance and helpful information inside, there's no reason to break a sweat. Chromebooks are affordable, fast, and sleek—and with Google driving the initiative, they're impossible to ignore. So it's no wonder they're gaining popularity and enticing people from all walks of life to make the switch from a traditional PC or laptop. If you're one of those people and want to make the most of your experience, this book is a practical user's guide to all things Chromebook. Covers all Chromebooks on the market Provides coverage of all Chromebook features in an easy-to-follow manner Serves as the go-to reference for successfully using a Chromebook Includes step-by-step coverage of everything you'll encounter with your Chromebook If you're a new or inexperienced user who wants to maximize the performance of your Google Chromebook, you'll turn to this friendly guide time and again.

The Most Complete, Easy-to-Follow Guide to Ubuntu Linux The #1 Ubuntu server resource, fully updated for Ubuntu 10.4 (Lucid Lynx)-the Long Term Support (LTS) release many companies will rely on for years! Updated JumpStarts help you set up Samba, Apache, Mail, FTP, NIS, OpenSSH, DNS, and other complex servers in minutes Hundreds of up-to-date examples, plus comprehensive indexes that deliver instant access to answers you can trust Mark Sobell's A Practical Guide to Ubuntu Linux®, Third Edition, is the most thorough and up-to-date reference to installing, configuring, and working with Ubuntu, and also offers comprehensive coverage of servers—critical for anybody interested in unleashing the full power of Ubuntu. This edition has been fully updated for Ubuntu 10.04 (Lucid Lynx), a milestone Long Term Support (LTS) release, which Canonical will support on desktops until 2013 and on servers until 2015. Sobell walks you through every essential feature and technique, from installing Ubuntu to working with GNOME, Samba, exim4, Apache, DNS, NIS, LDAP, g ufw, firestarter, iptables, even Perl scripting. His exceptionally clear explanations demystify everything from networking to security. You'll find full chapters on running Ubuntu from the command line and desktop (GUI), administrating systems, setting up networks and Internet servers, and much more. Fully updated JumpStart sections help you get complex servers running—often in as little as five minutes. Sobell draws on his immense Linux knowledge to explain both the "hows" and the "whys" of Ubuntu. He's taught hundreds of thousands of readers and never forgets what it's like to be new to Linux. Whether you're a user, administrator, or programmer, you'll find everything you need here—now, and for many years to come. The world's most practical Ubuntu Linux book is now even more useful! This book delivers Hundreds of easy-to-use Ubuntu examples Important networking coverage, including DNS, NFS, and Cacti Coverage of crucial Ubuntu topics such as sudo and the Upstart init daemon More detailed, usable coverage of Internet server configuration, including Apache (Web) and exim4 (email) servers State-of-the-art security techniques, including up-to-date firewall setup techniques using gulfw and iptables, and a full chapter on OpenSSH A complete introduction to Perl scripting for automated administration Deeper coverage of essential admin tasks—from managing users to CUPS printing, configuring LANs to building a kernel Complete instructions on keeping Ubuntu systems up-to-date using aptitude, Synaptic, and the Software Sources window And much more...including a 500+ term glossary Includes DVD! Get the full version of Lucid Lynx, the latest Ubuntu LTS release!

Issued with activation code for two practice exams and other tools.

Illustrates the new features of Windows 10.

Pro OpenGL ES for Android

From Paper to Pixels

EFI Conversions

Powerful Hacks and Customizations

Netbooks: The Missing Manual

Fedora 18 Edition

Embedded Linux System Design and Development

Learn to code like a professional with Python – an open source, versatile, and powerful programming language About This Book Learn the fundamentals of programming with Python – one of the best languages ever created Develop a strong set of programming skills that you will be able to express in any situation, on every platform, thanks to Python's portability Create outstanding applications of all kind, from websites to scripting, and from GUIs to data science Who This Book Is For Python is the most popular introductory teaching language in U.S. top computer science universities, so if you are new to software development, or maybe you have little experience, and would like to start off on the right foot, then this language and this book are what you need. Its amazing design and portability will help you become productive regardless of the environment you choose to work with. What You Will Learn Get Python up and running on Windows, Mac, and Linux in no time Grasp the fundamental concepts of coding, along with the basics of data structures and control flow. Write elegant, reusable, and efficient code in any situation Understand when to use the functional or the object oriented programming approach Create bulletproof, reliable software by writing tests to support your code Explore examples of GUIs, scripting, data science and web applications Learn to be independent, capable of fetching any resource you need, as well as dig deeper In Detail Learning Python has a dynamic and varied nature. It reads easily and lays a good foundation for those who are interested in digging deeper. It has a practical and example-oriented approach through which both the introductory and the advanced topics are explained. Starting with the fundamentals of programming and Python, it ends by exploring very different topics, like GUIs, web apps and data science. The book takes you all the way to creating a fully fledged application. The book begins by exploring the essentials of programming, data structures and teaches you how to manipulate them. It then moves on to controlling the flow of a program and writing reusable and error proof code. You will then explore different programming paradigms that will allow you to find the best approach to any situation, and also learn how to perform performance optimization as well as effective debugging. Throughout, the book steers you through the various types of applications, and it concludes with a complete mini website built upon all the concepts that you learned. Style and approach This book is an easy-to-follow guide that will take you from a novice to the proficient level at a comfortable pace, using a lot of simple but effective examples. Each topic is explained thoroughly, and pointers are left for the more inquisitive readers to dig deeper and expand their knowledge.

Introduced in 1997, the GM LS engine has become the dominant V-8 engine in GM vehicles and a top-selling high-performance crate engine. GM has released a wide range of Gen III and IV LS engines that deliver spectacular efficiency and performance. These compact, lightweight, cutting-edge pushrod V-8 engines have become affordable and readily obtainable from a variety of sources. In the process, the LS engine has become the most popular V-8 engine to swap into many American and foreign muscle cars, sports cars, trucks, and passenger cars. To select the best engine for an LS engine swap, you need to carefully consider the application. Veteran author and LS engine swap master Jefferson Bryant reveals all the criteria to consider when choosing an LS engine for a swap project. You are guided through selecting or fabricating motor mounts for the project. Positioning the LS engine in the engine compartment and packaging its equipment is a crucial part of the swap process, which is comprehensively covered. As part of the installation, you need to choose a transmission crossmember that fits the engine and vehicle as well as selecting an oil pan that has the correct profile for the crossmember with adequate ground clearance. Often the brake booster, steering shaft, accessory pulleys, and the exhaust system present clearance challenges, so this book offers you the best options and solutions. In addition, adapting the computer-control system to the wiring harness and vehicle is a crucial aspect for completing the installation, which is thoroughly detailed. As an all-new edition of the original top-selling title, LS Swaps: How to Swap GM LS Engines into Almost Anything covers the right way to do a spectrum of swaps. So, pick up this guide, select your ride, and get started on your next exciting project.

All-in-one guide prepares you for CompTIA's new A+ Certification Candidates aiming for CompTIA's revised, two-exam A+ Certified Track will find everything they need in this value-packed book. Prepare for the required exam, CompTIA A+ Essentials (220-601), as well as your choice of one of three additional exams focusing on specific job roles--IT Technician (220-602), Remote Support Technician (220-603), or Depot Technician (220-604). This in-depth book prepares you for any or all four exams, with full coverage of all exam objectives. Inside, you'll find: Comprehensive coverage of all exam objectives for all four exams in a systematic approach, so you can be confident you're getting the instruction you need Hand-on exercises to reinforce critical skills Real-world scenarios that show you life beyond the classroom and put what you've learned in the context of actual job roles Challenging review questions in each chapter to prepare you for exam day Exam Essentials, a key feature at the end of each chapter that identifies critical areas you must become proficient in before taking the exams A handy fold-out that maps every official exam objective to the corresponding chapter in the book, so you can track your exam prep objective by objective Look inside for complete coverage of all exam objectives for all four CompTIA A+ exams. Featured on the CD SYBEX TEST ENGINE: Test your knowledge with advanced testing software. Includes all chapter review questions and 8 total practice exams. ELECTRONIC FLASHCARDS: Reinforce your understanding with flashcards that can run on your PC, Pocket PC, or Palm handheld. Also on CD, you'll find the entire book in searchable and printable PDF. Study anywhere, any time, and approach the exam with confidence. Visit www.sybex.com for all of your CompTIA certification needs. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Beginning Fedora Desktop: Fedora 18 Edition is a complete guide to using the Fedora 18 Desktop Linux release as your daily driver for mail, productivity, social networking, and more. Author and Linux expert Richard Petersen delves into the operating system as a whole and offers you a complete treatment of Fedora 18 Desktop installation, configuration, and use. You'll discover how to install Fedora 18 Desktop on any hardware, learn which applications perform which functions, how to manage software updates, tips and tricks for the GNOME 3 and KDE desktops, useful shell commands, and both the Fedora administration and network tools. Get the most out of Fedora 18 Desktop -- including free Office suites, editors, e-book readers, music and video applications and codecs, email clients, Web and FTP browsers, microblogging and IM applications -- with a copy of Beginning Fedora Desktop: Fedora 18 Edition at your side.

PC Magazine

In Depth

The Independent Handbook for Windows Users

Windows Server 2003 For Dummies

The PC and Gadget Help Desk

Car PC Hacks

CliffsTestPrep CompTIA A+

Written by test-prep specialists, this guide presents you with a complete description of the exam, proven test-taking strategies, and nine full-length practice exams to help you get a higher score on the CompTIA A+ exams. Included are three A+ Essentials (#220-601) exams with 300 questions, two IT Technician (#220-602) exams with 160 questions, two Remote Support (#220-603) exams with 160 questions, and two Depot Technician (#220-604) exams with 160 questions for a total of 780 questions, complete with answers and explanations.

Netbooks are the hot new thing in PCs -- small, inexpensive laptops designed for web browsing, email, and working with web-based programs. But chances are you don't know how to choose a netbook, let alone use one. Not to worry: with this Missing Manual, you'll learn which netbook is right for you and how to set it up and use it for everything from spreadsheets for work to hobbies like gaming and photo sharing. Netbooks: The Missing Manual provides easy-to-follow instructions and lots of advice to help you: Learn the basics for using a Windows- or Linux-based netbook Connect speakers, printers, keyboards, external hard drives, and other hardware Get online using a wireless network, a public network, broadband cards, or dial-up Write email, browse the Web, transfer bookmarks, and add tools to your web browser Use business tools like Google Docs and Office for Netbooks Collaborate with others online via instant messaging Edit and share photos, play games, listen to music, and watch TV and movies online You'll also learn about web-based backup and storage, staying secure online -- especially when using wireless networks -- and tips for troubleshooting. Netbooks point to the future of computing, and Netbooks: The Missing Manual will show you how to get there.

Offers extensive guidance for troubleshooting and repairing a wide variety of electronic devices on diverse platforms, including PCs, smartphones, tablets, networks, cameras, home theaters, and ereaders.

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"

Tips & Tools for Geeking Your Ride

The Tetris Effect

The Independent Guide to IBM-standard Personal Computing

Windows 10, the Complete Manual

The Linux Command Line

Use of Spreadsheets in Graphical, Statistical, And Process Analysis

Computer Applications in Food Technology

Practical Software Architecture Solutions from the Legendary Robert C. Martin ("Uncle Bob") By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books Clean Code and The Clean Coder, legendary software craftsman Robert Martin shares those rules and helps you apply them. Martin's Clean Architecture doesn't merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you've come to expect from Uncle Bob, this book is packed with direct, no-nonsense ones that will make or break your projects. Learn what software architects need to achieve—and core disciplines and practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what's "detail" Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect

software manager—and for every programmer who must execute someone else's designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available.

Converting from a carbureted fuel system to electronic fuel injection (EFI) improves the performance, driveability, and fuel economy of any classic vehicle. Through a series of sensors, processors, and wires, it gathers engine and atmospheric information to precisely deliver the correct amount of fuel to your engine. With a carburetor, you must manually adjust and tune the fuel system and applications. Installing a complete aftermarket EFI system may seem too complex, but it is within your reach by using the clear and easy-to-understand, step-by-step instructions. You will be able to confidently install the correct EFI system in your vehicle and enjoy all the benefits. A variety of EFI Systems are currently available--throttle body injection (TBI), multi-point injection (MPI), and application specific, and special application systems. Author Tony Candela reveals the attributes of each, so you can select the system that's ideal for your car. Author Tony Candela explains in exceptional detail how to install both of these systems. To achieve top performance from an EFI system, it's not a simple bolt-on and plug-in procedure. This book takes the mystery out of EFI and provides a rather a clear working set of parameters. You are shown how to professionally install the injectors into the intake system as well as how to integrate the wiring into the main harness. In addition, each step of upgrading the fuel system to support the EFI is explained. The book also delves into integrating ignition and computer control with these aftermarket systems with tuning. Turbocharged, supercharged, and nitrous applications are also covered. A well-installed and -tuned EFI system greatly improves the performance of a classic V-8 or any engine because the system delivers the correct fuel mixture for every operating condition. Get faster starts, better fuel economy, and crisp efficient performance. In EFI Conversions: How to Install and Tune an EFI System, you will learn how to install and tune an EFI system. Injection, achieving all these benefits is easily within your reach.

Praise for the First Edition: "This outstanding book ... gives the reader robust concepts and implementable knowledge of this environment. Graphical user interface (GUI)-based users and developers do not get short shrift, despite the command-line interface's (CLI) full-power treatment. ... Every programmer should read the introduction's Unix/Linux philosophy section. This well-constructed book has my highest recommendation. It will repay careful and recursive study." --Computing Reviews, August 2011 Mastering Modern Linux, Second Edition retains much of the good material from the previous edition, with extensive updates and new topics added. The book provides a comprehensive and up-to-date guide to Linux concepts, usage, and best practices. It covers a wide range of topics, and encourages hands-on practice. The first part of the textbook covers interactive use of Linux via the Graphical User Interface (GUI) and the Command-Line Interface (CLI), including comprehensive treatment of the Gnome desktop and the Bash Shell. Using different apps, commands and filters, building pipelines, and using wildcards are major focuses. Next comes Bash scripting, file system structure, organization, and usage. The following chapters present networking, the Internet and the Web, data encryption, basic system admin, as well as Web hosting. The Linux Apache MySQL/MariaDB PHP (LAMP) Web hosting combination is also presented in depth. In the last part of the book, attention is given to system administration. Topics covered include the C compiler, preprocessor, debugger, I/O, file manipulation, process control, inter-process communication, and networking. The book includes many examples and complete programs ready to download and run. A summary and exercises of varying degrees of difficulty can be found at the end of each chapter. A companion website (http://mml.sofp.com) provides updates, an example code package, and other resources for instructors, as well as students.

The perfect handbook for those who need to deploy, install, and configure installations, upgrade from previous versions, understand network addresses, manage day-to-day operations, configure storage, manage users and groups, implement security measures, configure mail services, and perform other vital administrative tasks. Covers the enhanced features and updates of Windows 10, Microsoft .NET framework, Active Directory and its new drag and drop object management, Internet Information Server, and the Microsoft Management Console.

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The Hacker's Hardware Toolkit

Mastering Modern Linux

Learn to code like a professional with Python - an open source, versatile, and powerful programming language

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Whether you're thinking of switching to a Macintosh computer, are looking into the latest Apple products, or have a Mac and want to learn about Mac OS X Leopard, then Macs For Dummies, 10th Edition will get you going. Here you'll learn all about how to compare the different desktop and laptop models to choose your perfect match, make Mac OS X Leopard work your way, use the new iLife 2008 digital lifestyle applications, get online and connect to a wired or wireless network, and run Windows on your Mac so you can keep the Microsoft programs you need. You'll also discover how to: Navigate your way around the Mac interface and work with icons and folders Best utilize OS X, work with the new Photo Booth, and manage clutter with Exposé and Spaces Get connected, start a Web-browsing Safari, use e-mail and iChat, and shop online Join .Mac and take advantage of iDisk backups, IMAP mail, and Web Gallery Explore all that iTunes offers, process digital photos with iPhoto, make iMovies, and have fun with GarageBand Use Windows on your Mac and transfer Windows files It's a perfect time to join the Mac generation, especially if you're a Windows user who's been thinking of defecting. Macs For Dummies, 10th Edition will get you there, helping you pick peripherals, download freebie programs, set up user accounts, implement security secrets, troubleshoot your Mac, and experience the iLife.

Peter Norton is a pioneering software developer and author. Norton's desktop for windows, utilities, backup, antivirus, and other utility programs are installed on millions of PCs worldwide. His inside the IBM PC and DOS guide have helped millions of people understand computers from the inside out. Peter Norton's introduction to computers incorporates features not found in other introductory programs. Among these are the following: Focus on the business-computing environment for the 1990s and beyond, avoiding the standard 'MIS approach.': A 'glass-box' rather than the typical 'black-box' view of computers-encouraging students to explore the computer from the inside out.

Exploring Data in Python 3

A Practical Guide to Ubuntu Linux

How to Swap GM LS Engines into Almost Anything

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