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*A winner of the Nobel Peace Prize
and bestselling author of Banker
to the Poor offers his vision of an
emerging new economic system*

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that can save humankind and the planet Muhammad Yunus, who created microcredit, invented social business, and earned a Nobel Peace Prize for his work in alleviating poverty, is one of today's most trenchant social critics. Now he declares it's time

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to admit that the capitalist engine is broken--that in its current form it inevitably leads to rampant inequality, massive unemployment, and environmental destruction. We need a new economic system that unleashes altruism as a creative

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force just as powerful as self-interest. Is this a pipe dream? Not at all. In the last decade, thousands of people and organizations have already embraced Yunus's vision of a new form of capitalism, launching innovative social businesses

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designed to serve human needs rather than accumulate wealth. They are bringing solar energy to millions of homes in Bangladesh; turning thousands of unemployed young people into entrepreneurs through equity investments; financing female-owned

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businesses in cities across the United States; bringing mobility, shelter, and other services to the rural poor in France; and creating a global support network to help young entrepreneurs launch their start-ups. In A World of Three Zeros, Yunus describes the new

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civilization emerging from the economic experiments his work has helped to inspire. He explains how global companies like McCain, Renault, Essilor, and Danone got involved with this new economic model through their own social action groups,

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describes the ingenious new financial tools now funding social businesses, and sketches the legal and regulatory changes needed to jumpstart the next wave of socially driven innovations. And he invites young people, business and political

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leaders, and ordinary citizens to join the movement and help create the better world we all dream of.

In Learn Robotics with Raspberry Pi, you'll learn how to build and code your own robot projects with just the Raspberry Pi

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microcomputer and a few easy-to-get components - no prior experience necessary! Learn Robotics with Raspberry Pi will take you from inexperienced maker to robot builder. You'll start off building a two-wheeled robot powered by a Raspberry Pi

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minicomputer and then program it using Python, the world's most popular programming language. Gradually, you'll improve your robot by adding increasingly advanced functionality until it can follow lines, avoid obstacles, and even recognize objects of a

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certain size and color using computer vision. Learn how to: - Control your robot remotely using only a Wii remote - Teach your robot to use sensors to avoid obstacles - Program your robot to follow a line autonomously - Customize your robot with LEDs

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and speakers to make it light up and play sounds - See what your robot sees with a Pi Camera As you work through the book, you'll learn fundamental electronics skills like how to wire up parts, use resistors and regulators, and determine how much power your

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robot needs. By the end, you'll have learned the basics of coding in Python and know enough about working with hardware like LEDs, motors, and sensors to expand your creations beyond simple robots.

Expand Raspberry Pi capabilities

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with fundamental engineering principles Exploring Raspberry Pi is the innovators guide to bringing Raspberry Pi to life. This book favors engineering principles over a 'recipe' approach to give you the skills you need to design and build your

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own projects. You'll understand the fundamental principles in a way that transfers to any type of electronics, electronic modules, or external peripherals, using a "learning by doing" approach that caters to both beginners and experts. The book begins with

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basic Linux and programming skills, and helps you stock your inventory with common parts and supplies. Next, you'll learn how to make parts work together to achieve the goals of your project, no matter what type of components you use. The

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companion website provides a full repository that structures all of the code and scripts, along with links to video tutorials and supplementary content that takes you deeper into your project. The Raspberry Pi's most famous feature is its adaptability. It can

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be used for thousands of electronic applications, and using the Linux OS expands the functionality even more. This book helps you get the most from your Raspberry Pi, but it also gives you the fundamental engineering skills you need to

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incorporate any electronics into any project. Develop the Linux and programming skills you need to build basic applications Build your inventory of parts so you can always "make it work" Understand interfacing, controlling, and communicating

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*with almost any component
Explore advanced applications
with video, audio, real-world
interactions, and more Be free to
adapt and create with Exploring
Raspberry Pi.*

*Forget the 10,000 hour rule—
what if it's possible to learn the*

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basics of any new skill in 20 hours or less? Take a moment to consider how many things you want to learn to do. What's on your list? What's holding you back from getting started? Are you worried about the time and effort it takes to acquire new

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skills—time you don't have and effort you can't spare? Research suggests it takes 10,000 hours to develop a new skill. In this nonstop world when will you ever find that much time and energy? To make matters worse, the early hours of practicing something

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new are always the most frustrating. That's why it's difficult to learn how to speak a new language, play an instrument, hit a golf ball, or shoot great photos. It's so much easier to watch TV or surf the web . . . In The First 20 Hours, Josh

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Kaufman offers a systematic approach to rapid skill acquisition— how to learn any new skill as quickly as possible. His method shows you how to deconstruct complex skills, maximize productive practice, and remove common learning

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barriers. By completing just 20 hours of focused, deliberate practice you'll go from knowing absolutely nothing to performing noticeably well. Kaufman personally field-tested the methods in this book. You'll have a front row seat as he develops a

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personal yoga practice, writes his own web-based computer programs, teaches himself to touch type on a nonstandard keyboard, explores the oldest and most complex board game in history, picks up the ukulele, and learns how to windsurf. Here are

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a few of the simple techniques he teaches: Define your target performance level: Figure out what your desired level of skill looks like, what you're trying to achieve, and what you'll be able to do when you're done. The more specific, the better.

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Deconstruct the skill: Most of the things we think of as skills are actually bundles of smaller subskills. If you break down the subcomponents, it's easier to figure out which ones are most important and practice those first.

Eliminate barriers to practice:

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Removing common distractions and unnecessary effort makes it much easier to sit down and focus on deliberate practice. Create fast feedback loops: Getting accurate, real-time information about how well you're performing during practice makes it much easier to

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improve. Whether you want to paint a portrait, launch a start-up, fly an airplane, or juggle flaming chainsaws, The First 20 Hours will help you pick up the basics of any skill in record time . . . and have more fun along the way.

Learn How to Design and Make

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*Customized Circuit Boards
Script, Desktop and Mobile RIA
with Java™ Technology
Real-World AI & Computer-Vision
Projects Using Python, Keras &
TensorFlow
Cuphead Volume 1: Comic Capers
& Curios*

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The Ultimate Guide to Coding with Python

Mastering Surface Mount Technology

Software and Hardware Problems and Solutions

Revisit the colorful characters of

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the Inkwell Isles in this collection of brand new Cuphead and Mugman tales! Prone to unexpected predicaments and thrilling adventures, Cuphead and Mugman feature front and center in a series of short but

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sweet side stories that reimagine the world of the all-cartoon magical wondergame. This original graphic novel features all-new original tales, authentically drawn to match the glorious, award-winning vintage animation

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style of Cuphead! Don't miss Cuphead and Mugman's graphic novel debut in written by Zack Keller and illustrated to 1930s perfection by Shawn Dickinson! All Make Jumpstart books provide a quick way for makers

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to "jumpstart" their knowledge of a certain topic. Jumpstarting C takes the reader on a 50-page journey, from installing C on a Raspberry Pi, to creating their first "Hello World" program in C, to building and programming a

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handheld 4-color memory game using C, pushbuttons and LEDs. A practical guide to implementing your enterprise data lake using Lambda Architecture as the base About This Book Build a full-fledged data lake for your

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organization with popular big data technologies using the Lambda architecture as the base
Delve into the big data technologies required to meet modern day business strategies
A highly practical guide to

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implementing enterprise data lakes with lots of examples and real-world use-cases Who This Book Is For Java developers and architects who would like to implement a data lake for their enterprise will find this book

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useful. If you want to get hands-on experience with the Lambda Architecture and big data technologies by implementing a practical solution using these technologies, this book will also help you. What You Will Learn

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Build an enterprise-level data lake using the relevant big data technologies Understand the core of the Lambda architecture and how to apply it in an enterprise Learn the technical details around Sqoop and its

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functionalities Integrate Kafka with Hadoop components to acquire enterprise data Use flume with streaming technologies for stream-based processing Understand stream-based processing with reference

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to Apache Spark Streaming
Incorporate Hadoop components
and know the advantages they
provide for enterprise data lakes
Build fast, streaming, and high-
performance applications using
ElasticSearch Make your data

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ingestion process consistent across various data formats with configurability Process your data to derive intelligence using machine learning algorithms In Detail The term "Data Lake" has recently emerged as a prominent

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term in the big data industry. Data scientists can make use of it in deriving meaningful insights that can be used by businesses to redefine or transform the way they operate. Lambda architecture is also emerging as

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one of the very eminent patterns in the big data landscape, as it not only helps to derive useful information from historical data but also correlates real-time data to enable business to take critical decisions. This book tries to

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bring these two important aspects – data lake and lambda architecture—together. This book is divided into three main sections. The first introduces you to the concept of data lakes, the importance of data lakes in

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enterprises, and getting you up-to-speed with the Lambda architecture. The second section delves into the principal components of building a data lake using the Lambda architecture. It introduces you to

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popular big data technologies such as Apache Hadoop, Spark, Sqoop, Flume, and ElasticSearch. The third section is a highly practical demonstration of putting it all together, and shows you how an

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enterprise data lake can be implemented, along with several real-world use-cases. It also shows you how other peripheral components can be added to the lake to make it more efficient. By the end of this book, you will be

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able to choose the right big data technologies using the lambda architectural patterns to build your enterprise data lake. Style and approach The book takes a pragmatic approach, showing ways to leverage big data

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technologies and lambda architecture to build an enterprise-level data lake. The GIMP Version 2.4 will be released end of 2005. We ' ll likely be first to market a book about the new version. Other books are

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pre-Version 2.4 and very outdated Takes a project-based approach. Reader will be taught through real-world examples and projects immediately applicable for their own work GIMP is an emerging technology in Open

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Source that has been making big headlines. Was used to make the Scooby-Doo movie and the official mascot of Linux (Tux) GIMP works on Mac OSX, Linux, and Windows. This book shows how to install it on each platform.

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Exploring Raspberry Pi

Python Cookbook

From Novice to Professional

EX200

The New Economics of Zero

Poverty, Zero Unemployment,

and Zero Net Carbon Emissions

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The Chinese Typewriter
Building Your Product, Business,
and Brand
**Provides step-by-step
instructions for building a variety
of LEGO Mindstorms NXT and
Arduino devices.**

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Thanks to the decreasing cost of prototyping, it's more feasible for professional makers and first-time entrepreneurs to launch a hardware startup. But exactly how do you go about it? This book provides the roadmap and

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best practices you need for turning a product idea into a full-fledged business. Written by three experts from the field, The Hardware Startup takes you from idea validation to launch, complete with practical

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strategies for funding, market research, branding, prototyping, manufacturing, and distribution. Two dozen case studies of real-world startups illustrate possible successes and failures at every stage of the process. Validate

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your idea by learning the needs of potential users Develop branding, marketing, and sales strategies early on Form relationships with the right investment partners Prototype early and often to ensure you're

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**on the right path Understand processes and pitfalls of manufacturing at scale
Jumpstart your business with the help of an accelerator Learn strategies for pricing, marketing, and distribution Be aware of the**

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legal issues your new company may face

Use a forty-dollar credit cardsized computer to enhance your amateur radio operating. Learn how to set up and configure the computer. Then

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learn how to install operating aids, such as logging, timekeeping, satellite tracking, and Morse code practicing. Communicate in sixteen digital modes. Design antennas and save, restore, and manage

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memory for your radios.

Spannende neue Ecke: Physical Computing; Der neu entwickelte Raspberry Pi bietet für wenig Geld viele Bastellmöglichkeiten; deutsche Fassung wird um weitere Bastelkapitel ergänzt!

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**Learn to Program on the World's Most Popular Tiny Computer
A Guide for the Penetration Tester**

Learn Robotics with Raspberry Pi

Recipes for Mastering Python 3

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How to Use the Raspberry Pi for Amateur Radio Activities Letter to the Lake

This volume focuses on the underlying sockets class, one of the basis for learning about networks in any

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programming language. By learning to write simple client and server programs that use TCP/IP, readers can then realize network routing, framing, error detection and correction, and performance.

Zero tolerance - maximum action! As

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the U.S. Government's mutant-hunting Prime Sentinels target the villainous Mutant Liberation Front, X-Force is caught in the middle! What is their old friend Dani Moonstar doing with the MLF? And when the Sentinels capture half the team, can the ragtag

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remainder pull together to rescue them? Meanwhile, Domino is targeted by an old foe with a vendetta...and X-Force breaks away from Cable and hits the road! But their cross-country trip may prove fatal for Warpath, who's in for a hellish time - with

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Stryfe! Plus, Sunspot and Meltdown get close, but what is Bobby's connection to the ruthless Reignfire? Karma returns as the team attends Burning Man! Moonstar runs afoul of the Deviants! Flash back to the early days of the Proudstar brothers!

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And Domino battles...Shatterstar?!
COLLECTING: VOL. 7: X-FORCE
(1991) 67-84, -1

Autism spectrum disorders (ASD) constitute a major public health problem, affecting one in every 150 children and their families.

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Unfortunately, there is little understanding of the causes of ASD, and, despite their broad societal impact, many people believe that the overall research program for autism is incomplete, particularly as it relates to the role of environmental factors. The

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Institute of Medicine's Forum on Neuroscience and Nervous System Disorders, in response to a request from the U.S. Secretary of Health and Human Services, hosted a workshop called "Autism and the Environment: Challenges and Opportunities for

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Research." The focus was on improving the understanding of the ways in which environmental factors such as chemicals, infectious agents, or physiological or psychological stress can affect the development of the brain. Autism and the Environment

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documents the concerted effort which brought together the key public and private stakeholders to discuss potential ways to improve the understanding of the ways that environmental factors may affect ASD. The presentations and

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discussions from the workshop that are described in this book identify a number of promising directions for research on the possible role of different environmental agents in the etiology of autism.

Get up and running quickly with the

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new Jumpstarting ebook series from Make.: The Arduino 101 is a low-power board that includes not only Bluetooth LE capabilities but an on-board 6-axis accelerometer/gyroscope for exciting real-world-connected projects.

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Getting Started with Processing.py

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Red Hat RHCSA 8 Cert Guide

A World of Three Zeros

Jumpstarting C

Beginning Robotics with Raspberry Pi and Arduino

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Build and Code Your Own Moving, Sensing, Thinking Robots

Whether you're a software engineer aspiring to enter the world of deep learning, a veteran data scientist, or a hobbyist with a simple dream of making the next viral AI

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app, you might have wondered where to begin. This step-by-step guide teaches you how to build practical deep learning applications for the cloud, mobile, browsers, and edge devices using a hands-on

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approach. Relying on years of industry experience transforming deep learning research into award-winning applications, Anirudh Koul, Siddha Ganju, and Meher Kasam guide you through the process of converting an idea

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into something that people in the real world can use. Train, tune, and deploy computer vision models with Keras, TensorFlow, Core ML, and TensorFlow Lite Develop AI for a range of devices including Raspberry Pi, Jetson

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Nano, and Google Coral
Explore fun projects, from
Silicon Valley's Not Hotdog
app to 40+ industry case
studies Simulate an
autonomous car in a video
game environment and build
a miniature version with

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reinforcement learning Use transfer learning to train models in minutes Discover 50+ practical tips for maximizing model accuracy and speed, debugging, and scaling to millions of users Learn how to program your

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nifty new \$35 computer to make a web spider, a weather station, a media server, and more. This book explores how to make a variety of fun and even useful projects, from a web bot to search and download files to a toy to

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drive your pets insane. Even if you're completely new to programming in general, you'll see how easy it is to create a home security system, an underwater photography system, an RC plane with a camera, and

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even a near-space weather balloon with a camera. You'll learn how to use Pi with Arduino as well as Pi with Gertboard, an expansion board with an onboard ATmega microcontroller. Learn Raspberry Pi

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Programming with Python has been fully updated in this new edition to cover the features of the new boards. You'll learn how to program in Python on your Raspberry Pi with hands-on examples and fun projects. What You'll

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Learn Set up your new Raspberry Pi Build unique projects across a range of interests Program basic functions and processes using Python Who This Book Is For Readers who want to learn Python on a fun platform like

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the Pi and pick up some electronics skills along the way. No programming or Linux skill required, but a little experience with Linux will be helpful. Readers familiar with the 1st edition will enjoy the updated

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information in this new edition.

Modern cars are more computerized than ever. Infotainment and navigation systems, Wi-Fi, automatic software updates, and other innovations aim to make

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driving more convenient. But vehicle technologies haven't kept pace with today's more hostile security environment, leaving millions vulnerable to attack. The Car Hacker's Handbook will give you a deeper understanding of the

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computer systems and embedded software in modern vehicles. It begins by examining vulnerabilities and providing detailed explanations of communications over the CAN bus and between devices and

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systems. Then, once you have an understanding of a vehicle's communication network, you'll learn how to intercept data and perform specific hacks to track vehicles, unlock doors, glitch engines, flood

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communication, and more. With a focus on low-cost, open source hacking tools such as Metasploit, Wireshark, Kayak, can-utils, and ChipWhisperer, The Car Hacker's Handbook will show you how to: -Build an

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accurate threat model for your vehicle -Reverse engineer the CAN bus to fake engine signals -Exploit vulnerabilities in diagnostic and data-logging systems -Hack the ECU and other firmware and embedded

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systems -Feed exploits through infotainment and vehicle-to-vehicle communication systems -Override factory settings with performance-tuning techniques -Build physical and virtual test benches to try

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out exploits safely If you're curious about automotive security and have the urge to hack a two-ton computer, make The Car Hacker's Handbook your first stop. How Chinese characters triumphed over the QWERTY

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keyboard and laid the foundation for China's information technology successes today. Chinese writing is character based, the one major world script that is neither alphabetic nor syllabic. Through the years,

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the Chinese written language encountered presumed alphabetic universalism in the form of Morse Code, Braille, stenography, Linotype, punch cards, word processing, and other systems developed with the Latin alphabet in mind.

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This book is about those encounters—in particular thousands of Chinese characters versus the typewriter and its QWERTY keyboard. Thomas Mullaney describes a fascinating series of experiments, prototypes,

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failures, and successes in the century-long quest for a workable Chinese typewriter. The earliest Chinese typewriters, Mullaney tells us, were figments of popular imagination, sensational accounts of twelve-foot

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keyboards with 5,000 keys. One of the first Chinese typewriters actually constructed was invented by a Christian missionary, who organized characters by common usage (but promoted the less-common characters

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for “Jesus” to the common usage level). Later came typewriters manufactured for use in Chinese offices, and typewriting schools that turned out trained “typewriter girls” and “typewriter boys.” Still later

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was the “Double Pigeon” typewriter produced by the Shanghai Calculator and Typewriter Factory, the typewriter of choice under Mao. Clerks and secretaries in this era experimented with alternative ways of organizing

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characters on their tray beds, inventing an input method that was the first instance of “predictive text.” Today, after more than a century of resistance against the alphabetic, not only have Chinese characters prevailed,

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they form the linguistic substrate of the vibrant world of Chinese information technology. The Chinese Typewriter, not just an “object history” but grappling with broad questions of technological change and

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global communication, shows how this happened. A Study of the Weatherhead East Asian Institute Columbia University
The Hardware Startup
Practical Deep Learning for Cloud, Mobile, and Edge

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**Developing Analytic Talent
Raspberry Pi 3**

**Hamshack Raspberry Pi
Using Python and OpenCV
TCP/IP Sockets in C#**

With millions of new users and several new models, the Raspberry Pi ecosystem

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continues to expand—along with a lot of new questions about the Pi's capabilities. The second edition of this popular cookbook provides more than 240 hands-on recipes for running this tiny low-cost computer with

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Linux, programming it with Python, and hooking up sensors, motors, and other hardware—including Arduino and the Internet of Things. Prolific hacker and author Simon Monk also teaches basic principles to help you

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use new technologies with Raspberry Pi as its ecosystem continues to develop. This cookbook is ideal for programmers and hobbyists familiar with the Pi through resources, including Getting Started

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with Raspberry Pi (O'Reilly). Python and other code examples from the book are available on GitHub. Set up your Raspberry Pi and connect to a network Work with its Linux-based operating system Program

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Raspberry Pi with Python

Give your Pi "eyes" with computer vision Control hardware through the GPIO connector Use Raspberry Pi to run different types of motors Work with switches, keypads, and other digital

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inputs Use sensors to measure temperature, light, and distance Connect to IoT devices in various ways Create dynamic projects with Arduino Get up and running quickly with the new Jumpstarting

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ebook series from Make:. The super-small \$10 Raspberry Pi Zero W includes wireless LAN and Bluetooth connectivity and is 40% faster than the original Raspberry Pi.

Learn how to use a Raspberry Pi in conjunction with an

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Arduino to build a basic robot with advanced capabilities. Getting started in robotics does not have to be difficult. This book is an insightful and rewarding introduction to robotics and a catalyst for

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further directed study. You'll be led step by step through the process of building a robot that uses the power of a Linux based computer paired with the simplicity of Arduino. You'll learn why the

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Raspberry Pi is a great choice for a robotics platform; its strengths as well as its shortcomings; how to overcome these limitations by implementing an Arduino; and the basics of the Python programming

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language as well as some of the more powerful features. With the Raspberry Pi you can give your project the power of a Linux computer, while Arduino makes interacting with sensors and motors very easy. These two

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boards are complimentary in their functions; where one falters the other performs admirably. The book also includes references to other great works to help further your growth in the exciting, and now accessible, field of

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smart robotics. As a bonus, the final chapter of the book demonstrates the real power of the Raspberry Pi by implementing a basic vision system. Using OpenCV and a standard USB web cam, you will build a robot that can

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chase a ball. What You'll Learn Install Raspbian, the operating system that drives the Raspberry Pi Drive motors through an I2C motor controller Read data through sensors attached to an Arduino Who This Book Is For

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Hobbyists and students looking for a rapid start in robotics. It assumes no technical background. Readers are guided to pursue the areas that interest them in more detail as they learn.

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Learn to make your own printed circuit boards, using open source software and inexpensive manufacturing techniques!

A History

Jumpstarting Raspberry Pi
Vision

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Raspberry Pi Zero W Wireless
Projects

Practical Guide for
Programmers

Learn Raspberry Pi

Programming with Python

Jumpstarting the Arduino 101

LabWorX 2

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Raspberry Pi is taking off like a rocket! You can use this amazing, dirt-cheap, credit card-sized computer to learn powerful hardware hacking techniques as

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you build incredibly creative and useful projects! This complete, full-color guide requires absolutely no experience with either hardware hacking or

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computer programming. Colorful photos guide you through each project, and the step-by-step instructions are stunningly clear and easy!

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Presents an introduction to the open-source electronics prototyping platform.

Learn what it takes to succeed in the the most in-demand tech job

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Harvard Business Review calls it the sexiest tech job of the 21st century. Data scientists are in demand, and this unique book shows you exactly what employers

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want and the skill set that separates the quality data scientist from other talented IT professionals. Data science involves extracting, creating,

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and processing data to turn it into business value. With over 15 years of big data, predictive modeling, and business analytics experience, author

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Vincent Granville is no stranger to data science. In this one-of-a-kind guide, he provides insight into the essential data science skills, such as

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statistics and
visualization
techniques, and covers
everything from
analytical recipes and
data science tricks to
common job interview

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questions, sample resumes, and source code. The applications are endless and varied: automatically detecting spam and plagiarism, optimizing bid prices in

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keyword advertising, identifying new molecules to fight cancer, assessing the risk of meteorite impact. Complete with case studies, this book

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is a must, whether you're looking to become a data scientist or to hire one. Explains the finer points of data science, the required skills, and how to

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acquire them, including analytical recipes, standard rules, source code, and a dictionary of terms Shows what companies are looking for and how the growing

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importance of big data
has increased the demand
for data scientists
Features job interview
questions, sample
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Installation, tools,
file management, text
files, RHEL8
connections, user/group
management, permissions,
and network
configuration Operating

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running systems:

Managing software,
processes, storage, and
advanced storage;
working with systemd;
scheduling tasks; and
configuring logging

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Advanced system administration: Managing the kernel and boot procedures, essential troubleshooting, bash shell scripting Managing network services:

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Pro JavaFX™ Platform

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The JavaFX™ technology and platform is essentially Sun's response to Adobe Flash and Microsoft's

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Build DIY wireless projects using the Raspberry Pi Zero W board About This

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Book Explore the functionalities of the Raspberry Pi Zero W with exciting projects Master the wireless features (and extend the use cases) of this \$10 chip A project-based guide that will teach you to build simple yet exciting projects using the Raspberry Pi Zero W board Who This Book Is For If you

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your favorite music Set up a web camera connected to the Raspberry Pi Zero W and add another security layer to your home automation In Detail The Raspberry Pi has always been the go-to, lightweight ARM-based computer. The recent launch of the Pi Zero W has not disappointed its

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audience with its \$10 release. "W" here stands for Wireless, denoting that the Raspberry Pi is solely focused on the recent trends for wireless tools and the relevant use cases. This is where our book—Raspberry Pi Zero W Wireless Projects—comes into its own. Each chapter will help you

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design and build a few DIY projects using the Raspberry Pi Zero W board. First, you will learn how to create a wireless decentralized chat service (client-client) using the Raspberry Pi's features?. Then you will make a simple two-wheel mobile robot and control it via your Android device

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over your local Wi-Fi network. Further, you will use the board to design a home bot that can be connected to plenty of devices in your home. The next two projects build a simple web streaming security layer using a web camera and portable speakers that will adjust the

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playlist according to your mood. You will also build a home server to host files and websites using the board. Towards the end, you will create free Alexa voice recognition software and an FPV Pi Camera, which can be used to monitor a system, watch a movie, spy on something, remotely control a

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drone, and more. By the end of this book, you will have developed the skills required to build exciting and complex projects with Raspberry Pi Zero W. Style and approach A step-by-step guide that will help you design and create simple yet exciting projects using the Raspberry Pi Zero

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W board.

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WMaker Media, Inc.

Processing opened up the world of programming to artists, designers, educators, and beginners. The Processing.py Python implementation of Processing

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reinterprets it for today's web. This short book gently introduces the core concepts of computer programming and working with Processing. Written by the co-founders of the Processing project, Reas and Fry, along with co-author Allison Parrish, *Getting Started with Processing.py* is your fast track

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Challenges and Opportunities for
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Skinny Bastard

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The Python Book

For every Skinny Bitch, there's a kick-ass man just as eager to take control of his weight and health. The New York Times bestselling authors now share their tips for turning Dad bods into Skinny

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Bastards. What's good for the bitch is good for the bastard. Hundreds of thousands of women have been inspired to "use their head" and get real about the food they eat after reading the best-selling manifesto *Skinny Bitch*. But it turns out some

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men have been reading over their girlfriends' shoulders. Professional athletes such as Milwaukee Brewers' Prince Fielder and the Dallas Mavericks' Jerry Stackhouse have adopted a whole new eating plan because of the book. Now

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authors Rory Freedman and Kim Barnouin think it's time for the guys to have a book of their own. In *Skinny Bastard*, they'll explain why the macho "meat and potatoes" diet is total crap, why having a gut is uncool (and a turn-off), and how to get

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buff on the right foods. Eating well shouldn't be a "girlie" thing-and the Bitches will whip any man into shape with their straight-talk, sound guidance, and locker room language.

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Computer like a Raspberry Pi to recognize individual faces, using the latest Machine Learning techniques.

On a cold winter day, Rosie writes a letter to the lake where she loves to spend time during the summer.

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If you need help writing programs in Python 3, or want to update older Python 2 code, this book is just the ticket. Packed with practical recipes written and tested with Python 3.3, this unique cookbook is for experienced Python programmers

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who want to focus on modern tools and idioms. Inside, you'll find complete recipes for more than a dozen topics, covering the core Python language as well as tasks common to a wide variety of application domains. Each recipe

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contains code samples you can use in your projects right away, along with a discussion about how and why the solution works. Topics include: Data Structures and Algorithms Strings and Text Numbers, Dates, and Times

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