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For KCRW's "Private Playlist," Gel Set selects her most satisfying sounds for hot dancefloors and cold winter nights, from Tangerine Dream to Machine Girl.

Private Playlist: Art-pop chanteuse Gel Set shares perfect picks for hot parties and cool

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winters

For a truly mobile experience, he had to figure out a way to bang out some Python code on the device itself. The answer ended up being the M5Stack CardKB, a tiny QWERTY board that communicates ...

Building A Pocket Sized Python Playground

Sallah, Shalaw R. Sergouniotis, Panagiotis I. Barton, Stephanie Ramsden, Simon Taylor, Rachel L. Safadi, Amro Kabir, Mitra Ellingford, Jamie M. Lench, Nick Lovell ...

Python Programming for Biology

He had a project in MicroPython that needed a very ... He thus ended up with a python library that could do the FFT 50 times faster than the the pure Python implementation while providing all ...

Numpy Comes To Micro Python

Air Force Chief of Staff Gen. Charles Q. Brown, Jr. stated that his vision for the service is to "Accelerate Change or Lose." So Airmen from all over the force have charged forward to embrace ...

SparkED, innovative mindset fuel problem solving techniques through robotics

BATON ROUGE, La. (AP) — Authorities say they've been searching for a 12-foot python that escaped from its enclosure inside Louisiana's largest shopping mall. Cara, a yellow and white Burmese ...

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12-foot python escapes inside Louisiana's largest mall

BATON ROUGE - An over 48-hour search for a 12-foot python that escaped from an aquarium in Louisiana's largest mall came to an end Thursday morning. Earlier this week, employees of the Blue Zoo ...

'She was in our ceiling': Python captured after days-long search at Blue Zoo

Florida's Republican governor, Ron DeSantis, called this week on the administration of President Joe Biden to greenlight a plan to transmit the internet to people in Cuba via high-altitude ...

EXPLAINER: Could balloons power uncensored internet in Cuba?

Datalore combines the power of the Jupyter data science notebook with PyCharm, JetBrains's integrated development environment (IDE) for Python. This gives users smart coding features from the PyCharm ...

JetBrains Unlocks Team Development with On-Prem Data Science Notebook Environment

Programming languages supported by kernels that are included within Project Jupyter include: Python, MicroPython ... The second toolbar located below the first one has Code, Text, Cell(up), and ...

How to Develop AI on a Raspberry Pi With

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Google Colaboratory

When Jack Wert agreed to become Collier County's first tourism director, he made a promise. The promise? To stay on the job for at least five years. He made good on that ...

Collier County's tourism director to retire, leaves big shoes to fill as a 'legend'

CZI also launched a new funding opportunity to support plugin development projects ... Python ecosystem, to potential for impact in fields like neurodegeneration and single-cell biology." ...

Chan Zuckerberg Initiative announces nearly \$28 million for visual proteomics

The Aspencore 2019 Embedded Markets Study also found that in the last two years, the number of projects programmed in Python in the embedded space has ... it's often fixed by simply rebooting the ...

Embedded Software Trends Expand in 2020

CZI also launched a new funding opportunity to support plugin development projects ... Python ecosystem, to potential for impact in fields like neurodegeneration and single-cell biology." ...

CZI awards nearly \$28 million for visual proteomics and announces new funding opportunity

BATON ROUGE - After two days of searching the

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Mall of Louisiana for a python that escaped from the Mall's Blue Zoo aquarium, the snake was finally discovered in a crawl space early Thursday morning.

Snake search over at Mall of Louisiana; Cara the python found safe

Classic comedy troupe Monty Python's crowning achievement, this edgy and ambitious British satire has lost none of its bite 40 years later. In many circles, it's considered a strong contender ...

The 100 Best Movies on Netflix to Watch Right Now

Laura Kelly has expanded ... The price tag for the project is roughly \$137 million. Baton Rouge: Authorities say they've been searching for a 12-foot python that escaped from its enclosure ...

A guide to completing Python projects for those ready to take their skills to the next level Python Projects is the ultimate resource for the Python programmer with basic skills who is ready to move beyond tutorials and start building projects. The preeminent guide to bridge the gap between learning and doing, this book walks readers through the "where" and "how" of real-world Python programming with practical, actionable instruction. With a focus on real-world

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functionality, Python Projects details the ways that Python can be used to complete daily tasks and bring efficiency to businesses and individuals alike. Python Projects is written specifically for those who know the Python syntax and lay of the land, but may still be intimidated by larger, more complex projects. The book provides a walk-through of the basic set-up for an application and the building and packaging for a library, and explains in detail the functionalities related to the projects. Topics include: *How to maximize the power of the standard library modules *Where to get third party libraries, and the best practices for utilization *Creating, packaging, and reusing libraries within and across projects *Building multi-layered functionality including networks, data, and user interfaces *Setting up development environments and using virtualenv, pip, and more Written by veteran Python trainers, the book is structured for easy navigation and logical progression that makes it ideal for individual, classroom, or corporate training. For Python developers looking to apply their skills to real-world challenges, Python Projects is a goldmine of information and expert insight.

A guide to completing Python projects for those ready to take their skills to the next level Python Projects is the ultimate resource for the Python programmer with basic

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skills who is ready to move beyond tutorials and start building projects. The preeminent guide to bridge the gap between learning and doing, this book walks readers through the "where" and "how" of real-world Python programming with practical, actionable instruction. With a focus on real-world functionality, Python Projects details the ways that Python can be used to complete daily tasks and bring efficiency to businesses and individuals alike. Python Projects is written specifically for those who know the Python syntax and lay of the land, but may still be intimidated by larger, more complex projects. The book provides a walk-through of the basic set-up for an application and the building and packaging for a library, and explains in detail the functionalities related to the projects. Topics include: *How to maximize the power of the standard library modules *Where to get third party libraries, and the best practices for utilization *Creating, packaging, and reusing libraries within and across projects *Building multi-layered functionality including networks, data, and user interfaces *Setting up development environments and using virtualenv, pip, and more Written by veteran Python trainers, the book is structured for easy navigation and logical progression that makes it ideal for individual, classroom, or corporate training. For Python developers looking to apply their skills to real-world challenges, Python

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Projects is a goldmine of information and expert insight.

Do you have a biological question that could be readily answered by computational techniques, but little experience in programming? Do you want to learn more about the core techniques used in computational biology and bioinformatics? Written in an accessible style, this guide provides a foundation for both newcomers to computer programming and those interested in learning more about computational biology. The chapters guide the reader through: a complete beginners' course to programming in Python, with an introduction to computing jargon; descriptions of core bioinformatics methods with working Python examples; scientific computing techniques, including image analysis, statistics and machine learning. This book also functions as a language reference written in straightforward English, covering the most common Python language elements and a glossary of computing and biological terms. This title will teach undergraduates, postgraduates and professionals working in the life sciences how to program with Python, a powerful, flexible and easy-to-use language.

Presents case studies and instructions on how to solve data analysis problems using Python.

Data science is a complex subject, but

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nevertheless one that can be made accessible to all through clear, intuitive explanations and worked examples. Existing software that forms the backbone of an immunologist's analytical toolkit (such as FlowJo and Prism) are expensive, inflexible and promotes a narrow mindset when it comes to analysing your data. On the other hand, the Python and R programming languages are open source, free and entirely customisable, giving the user the ability to implement any analysis they wish. Although programming languages can seem daunting to the uninitiated, it's far easier to learn than many immunologists may think. Rather than seeking to become an expert programmer, an understanding of the main concepts is more than enough to conduct your own bespoke analyses when coupled with a sound mathematical and statistical understanding. Our new book focusses on the practical aspects of data science, providing sufficient theoretical background without delving into all of the details of each of the methods presented. Introductory chapters are presented alongside the analysis of a publicly available data set, allowing the reader to have practical hands-on experience when learning about important concepts in statistics, machine learning and programming. Topics include: - How to build a predictive model How to visualise high-dimensional data Basics of programming in Python and R What techniques exist to cluster data Which statistics test to use/why/when What is

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dimension reduction; when and how to use it. Once these fundamental topics have been covered, a number of case studies are presented, along with the underlying data, accompanying code and full explanations on topics such as automated, data-driven flow cytometry, building predictive models of disease using gene expression profiling and analysing high throughput sequencing data.

This accessible and classroom-tested textbook/reference presents an introduction to the fundamentals of the emerging and interdisciplinary field of data science. The coverage spans key concepts adopted from statistics and machine learning, useful techniques for graph analysis and parallel programming, and the practical application of data science for such tasks as building recommender systems or performing sentiment analysis. Topics and features: provides numerous practical case studies using real-world data throughout the book; supports understanding through hands-on experience of solving data science problems using Python; describes techniques and tools for statistical analysis, machine learning, graph analysis, and parallel programming; reviews a range of applications of data science, including recommender systems and sentiment analysis of text data; provides supplementary code resources and data at an associated website.

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Build and train neural network models with high speed and flexibility in text, vision, and advanced analytics using PyTorch 1.x Key Features Gain a thorough understanding of the PyTorch framework and learn to implement neural network architectures Understand GPU computing to perform heavy deep learning computations using Python Apply cutting-edge natural language processing (NLP) techniques to solve problems with textual data Book Description PyTorch is gaining the attention of deep learning researchers and data science professionals due to its accessibility and efficiency, along with the fact that it's more native to the Python way of development. This book will get you up and running with this cutting-edge deep learning library, effectively guiding you through implementing deep learning concepts. In this second edition, you'll learn the fundamental aspects that power modern deep learning, and explore the new features of the PyTorch 1.x library. You'll understand how to solve real-world problems using CNNs, RNNs, and LSTMs, along with discovering state-of-the-art modern deep learning architectures, such as ResNet, DenseNet, and Inception. You'll then focus on applying neural networks to domains such as computer vision and NLP. Later chapters will demonstrate how to build, train, and scale a model with PyTorch and also cover complex neural networks such as GANs and autoencoders for producing text and images. In addition to this, you'll explore GPU computing and how it

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can be used to perform heavy computations. Finally, you'll learn how to work with deep learning-based architectures for transfer learning and reinforcement learning problems. By the end of this book, you'll be able to confidently and easily implement deep learning applications in PyTorch. What you will learn Build text classification and language modeling systems using neural networks Implement transfer learning using advanced CNN architectures Use deep reinforcement learning techniques to solve optimization problems in PyTorch Mix multiple models for a powerful ensemble model Build image classifiers by implementing CNN architectures using PyTorch Get up to speed with reinforcement learning, GANs, LSTMs, and RNNs with real-world examples Who this book is for This book is for data scientists and machine learning engineers looking to work with deep learning algorithms using PyTorch 1.x. You will also find this book useful if you want to migrate to PyTorch 1.x. Working knowledge of Python programming and some understanding of machine learning will be helpful.

Sams Teach Yourself HTML, CSS and JavaScript All in One The all-in-one HTML, CSS and JavaScript beginner's guide: covering the three most important languages for web development. Covers everything beginners need to know about the HTML and CSS standards and today's JavaScript and Ajax libraries - all

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in one book, for the first time Integrated, well-organized coverage expertly shows how to use all these key technologies together Short, simple lessons teach hands-on skills readers can apply immediately By best-selling author Julie Meloni Mastering HTML, CSS, and JavaScript is vital for any beginning web developer - and the importance of these technologies is growing as web development moves away from proprietary alternatives such as Flash. Sams Teach Yourself HTML, CSS, and JavaScript All in One brings together everything beginners need to build powerful web applications with the HTML and CSS standards and the latest JavaScript and Ajax libraries. With this book, beginners can get all the modern web development knowledge you need from one expert source. Bestselling author Julie Meloni (Sams Teach Yourself PHP, MySQL and Apache All in One) teaches simply and clearly, through brief, hands-on lessons focused on knowledge you can apply immediately. Meloni covers all the building blocks of practical web design and development, integrating new techniques and features into every chapter. Each lesson builds on what's come before, showing you exactly how to use HTML, CSS, and JavaScript together to create great web sites.

Praise for this book, Python Without Fear
"This is really a great book. I wish I'd had it when I was learning Python." -John M. Wargo, author of Apache Cordova 4 Programming

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Praise for the previous book in the series, C++ Without Fear “I’m in love with your C++ Without Fear book. It keeps me awake for hours during the night. Thanks to you, I got most of the idea in just a few hours.” -Laura Viral, graduate physics student at CERN and Istanbul, Turkey “It’s hard to tell where I began and ended with your book. I felt like I woke up and literally knew how to write C++ code. I can’t overstate the confidence you gave me.” - Danny Grady, senior programmer/analyst at a Fortune 500 Company Whether you’re new to programming or moving from another language, Python Without Fear will quickly make you productive! Brian Overland’s unique approach to Python includes: Taking you by the hand while teaching topics from the very basics to intermediate and advanced features of Python Teaching by examples that are explained line by line Heavy emphasis on examples that are fun and useful, including games, graphics, database applications, file storage, puzzles, and more! How to think “Pythonically” and avoid common “gotchas” Register your product at informit.com/register for convenient access to downloads, updates, and/or corrections as they become available.

Learn to build mobile apps for Android devices with MIT App Inventor, a visual drag-and-drop programming language like Scratch. You've swiped and tapped your way through countless apps, but have you ever created

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one? Now you can, thanks to Learn to Program with App Inventor. In less than an hour, you'll be able to build and run your first app! App Inventor is a free software for making Android apps. All you need is a PC with an Internet connection to build your app, and a mobile phone for testing. You'll use a simple drag-and-drop interface, which minimizes errors and avoids too much typing. A certified App Inventor Master Trainer, Logan breaks down each project into logical steps, lists the components you'll need, and then shows you how to create screen designs, control program flow with conditionals and loops, and store data in variables and lists. Once you've tested the app on your phone, you can test what you learned with challenges at the end of each chapter. You'll build cool apps like: * Hi, World!: Use your voice to send a text message * Practice Makes Perfect: Rehearse a speech or dance routine with this video recording app * Fruit Loot: Catch randomly falling fruit in this exciting game * Beat the Bus: Track a friend's journey using location services and maps * Virtual Shades: Take a selfie, then try on some virtual sunglasses Join the 6 million people who have tried App Inventor, and make the journey from app user to app inventor.

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