C Programming - A Modern Approach

C++ was written to help professional C# developers learn modern C++ programming. The aim of this book is to leverage your existing C# knowledge in order to expand your skills. Whether you need to use C++ in an upcoming project, or simply want to learn a new language (or reacquaint yourself with it), this book will help you learn all of the fundamental pieces of C++ so you can begin writing your own C++ programs. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview is a required reading for all those interested in the subject. We hope you find this book useful in shaping your future career & Business.

C Programming - A Modern Approach

You've never seen a C book like this before: packed with useful information and examples, yet highly readable. Everyone from beginner to expert can profit from reading C Programming: A Modern Approach.

Learn C the Hard Way - Practical Exercises on the Computational Subjects You Keep Avoiding (Like C)

You Will Learn C! Zed Shaw has crafted the perfect course for the beginning C programmer eager to advance their skills in any language. Follow it and you will learn the many skills early and junior programmers need to succeed—just like the hundreds of thousands of programmers Zed has taught to date! You bring discipline, commitment, persistence, and experience with any
programming language; the author supplies everything else. In Learn C the Hard Way, you’ll learn C by working through 52 brilliantly crafted exercises. Watch Zed Shaw’s teaching video and read the exercise. Type his code precisely. (No copying and pasting!) Fix your mistakes. Watch the programs run. As you do, you’ll learn what good, modern C programs look like; how to think more effectively about code; and how to find and fix mistakes far more efficiently. Most importantly, you’ll master rigorous defensive programming techniques, so you can use any language to create software that protects itself from malicious activity and defects. Through practical projects you’ll apply what you learn to build confidence in your new skills. Shaw teaches the key skills you need to start writing excellent C software, including Setting up a C environment Basic syntax and idioms Compilation, make files, and linkers Operators, variables, and data types Program control Arrays and strings Functions, pointers, and structs Memory allocation I/O and files Libraries Data structures, including linked lists, sort, and search Stacks and queues Debugging, defensive coding, and automated testing Fixing stack overflows, illegal memory access, and more Breaking and hacking your own C code It’ll Be Hard at First. But Soon, You’ll Just Get It—And That Will Feel Great! This tutorial will reward you for every minute you put into it. Soon, you’ll know one of the world’s most powerful programming languages. You’ll be a C programmer.

**Expert C Programming - Deep C Secrets**

Software -- Programming Languages.

**Introduction to Applied Linear Algebra - Vectors, Matrices, and Least Squares**

A groundbreaking introduction to vectors, matrices, and least squares for engineering applications, offering a wealth of practical examples.

**Programming Challenges - The Programming Contest Training Manual**

There are many distinct pleasures associated with computer programming. Craftsmanship has its quiet rewards, the satisfaction that comes from building a useful object and making it work. Excitement arrives with the flash of insight that cracks a previously intractable problem. The spiritual quest for elegance can turn the hacker into an artist. There are pleasures in parsimony, in squeezing the last drop of performance out of clever algorithms and tight coding. The games, puzzles, and challenges of problems from international programming competitions are a great way to experience these pleasures while improving your algorithmic and coding skills. This book contains over 100 problems that have appeared in previous programming contests, along with discussions of the theory and ideas necessary to attack them. Instant online grading for all of these problems is available from two WWW robot judging sites. Combining this book with a judge gives an exciting new way to challenge and improve your programming skills. This book can be used for self-study, for teaching innovative courses in algorithms and programming, and in training for international competition. The problems in this book have been selected from over 1,000 programming problems at the Universidad de Valladolid online judge. The judge has ruled
on well over one million submissions from 27,000 registered users around the world to date. We have taken only the best of the best, the most fun, exciting, and interesting problems available.

**Professional CUDA C Programming**

Break into the powerful world of parallel GPU programming with this down-to-earth, practical guide. Designed for professionals across multiple industrial sectors, Professional CUDA C Programming presents CUDA -- a parallel computing platform and programming model designed to ease the development of GPU programming -- fundamentals in an easy-to-follow format, and teaches readers how to think in parallel and implement parallel algorithms on GPUs. Each chapter covers a specific topic, and includes workable examples that demonstrate the development process, allowing readers to explore both the "hard" and "soft" aspects of GPU programming. Computing architectures are experiencing a fundamental shift toward scalable parallel computing motivated by application requirements in industry and science. This book demonstrates the challenges of efficiently utilizing compute resources at peak performance, presents modern techniques for tackling these challenges, while increasing accessibility for professionals who are not necessarily parallel programming experts. The CUDA programming model and tools empower developers to write high-performance applications on a scalable, parallel computing platform: the GPU. However, CUDA itself can be difficult to learn without extensive programming experience. Recognized CUDA authorities John Cheng, Max Grossman, and Ty McKercher guide readers through essential GPU programming skills and best practices in Professional CUDA C Programming, including: CUDA Programming Model, GPU Execution Model, GPU Memory Model, Streams, Event and Concurrency, Multi-GPU Programming, CUDA Domain-Specific Libraries, Profiling and Performance Tuning. The book makes complex CUDA concepts easy to understand for anyone with knowledge of basic software development with exercises designed to be both readable and high-performance. For the professional seeking entrance to parallel computing and the high-performance computing community, Professional CUDA C Programming is an invaluable resource, with the most current information available on the market.

**Programming in C**

**Head First C - A Brain-Friendly Guide**

Learn key topics such as language basics, pointers and pointer arithmetic, dynamic memory management, multithreading, and network programming. Learn how to use the compiler, the make tool, and the archiver.

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**Did Larry King’s Obsession With Death Fuel His ‘Indomitable’ Will to Live?**

“My father consumed me,” Larry King said ... and not break,” K. Ann McDonald, a family friend, told me. “She was sort of weather-beaten in a good way.” McDonald was in a cab on the F.D.R. Drive that ...

**UK seeks unity at G7 meeting over Russia’s ‘malign behavior’**

The U.K. called for “a show of unity against global ... efforts to find a diplomatic solution to the Russia-Ukraine crisis appear to be accelerating. The State Department announced Saturday ...
'Hannity' on Joe Biden's fantasy Christmas
required dynamic local solutions from people who could actually make the decisions and ultimately, there's no way a federal government in Washington, D.C. could apply mandates that are effective ...

'Tucker Carlson Tonight' bids farewell to de Blasio
We've seen now D.C. implement that same policy ... I think social credit, as they call it in China, or cancel culture is here in North America. Banks in America, too, remember Royal Bank is ...

Covid News: White House Promises More Covid Treatments
U.K. researchers report. As New York's Omicron cases skyrocket before the holiday, the city adds testing sites. N.Y.C. public hospitals limit visits after a Covid outbreak at one site.

Why Roku Stock Is Bouncing Higher This Week
The company revealed that its first original, feature-length movie, Zoey's Extraordinary Christmas, was the No. 1 viewed program globally ... Mexico, the U.K., and Germany. The company is ...

AEI's favorite books of 2021
As such, I'd like to recommend Andrew Roberts' long but easy-to-read The Last King of America ... (The Self-Righteous: My Counter Program for Public Spirit and Cohesion).

London Playbook: Boosters for all — A hard Rayn falls — From Omicron to Oh, Macron
HERE WE GO AGAIN: The U.K. will today expand its coronavirus booster program to make every adult in the country ... to take back all the immigrants,' the harder it becomes to find a solution. It's not ...

Allen play-faked, then bootlegged left, with only linebacker Jamie Collins and corner J.C. Jackson (coming off a ...
Braxton Berrios, kick returner, N.Y. Jets. His fleet, lovely 102-yard kick ...

Coronavirus daily news updates, December 10: What to know today about COVID-19 in the Seattle area, Washington state and the world
Officials confirmed the three first cases of omicron Dec. 4 in Thurston, Pierce and King counties ... deliver well under half that figure. The U.N.-led initiative is now racing to deliver 800 ...

Div. 1-2 boys basketball preview, players to watch
Andover coach Dave Fazio has been around long enough to know when a good winter is ahead for his program ...
Penders (Foxboro), Daithi Quinn (North Quincy), K.C. Ugwuakazi (Malden Catholic ...