



Data Structures and Algorithm Analysis in C++

Mark Allen Weiss

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Mark Allen Weiss' innovative approach to algorithms and data structures teaches the simultaneous development of sound analytical and programming skills for the advanced data structures course. Readers learn how to reduce time constraints and develop programs efficiently by analyzing the feasibility of an algorithm before it is coded. The C++ language is brought up-to-date and simplified, and the Standard Template Library is now fully incorporated throughout the text. This Third Edition also features significantly revised coverage of lists, stacks, queues, and trees and an entire chapter dedicated to amortized analysis and advanced data structures such as the Fibonacci heap. Known for its clear and friendly writing style, Data Structures and Algorithm Analysis in C++ is logically organized to cover advanced data structures topics from binary heaps to sorting to NP-completeness. Figures and examples illustrating successive stages of algorithms contribute to Weiss' careful, rigorous and in-depth analysis of each type of algorithm.

Data Structures and Algorithm Analysis in C++ Details

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From Reader Review Data Structures and Algorithm Analysis in C++ for online ebook

Jeffery Kriske Jr says

Excellent examples!

Michael Venzke says

good book for beginners, mixes code and algorithms.

wikipedia probably provides the same information these days though.

Lieyong Kang says

It is the best book to learn fundamental algorithms and data structures.

Hoang says

good

Heting Yan says

good

Robin says

Good content and well structured, but could have used some more interesting examples and suggested applications.

Irfan says

good

Eric F. says

Nerd candy.

Jeremy Carman says

While I think the author did well at explaining what each algorithm was. The errors in code examples, and some of the overly generic language made this a hard read.
