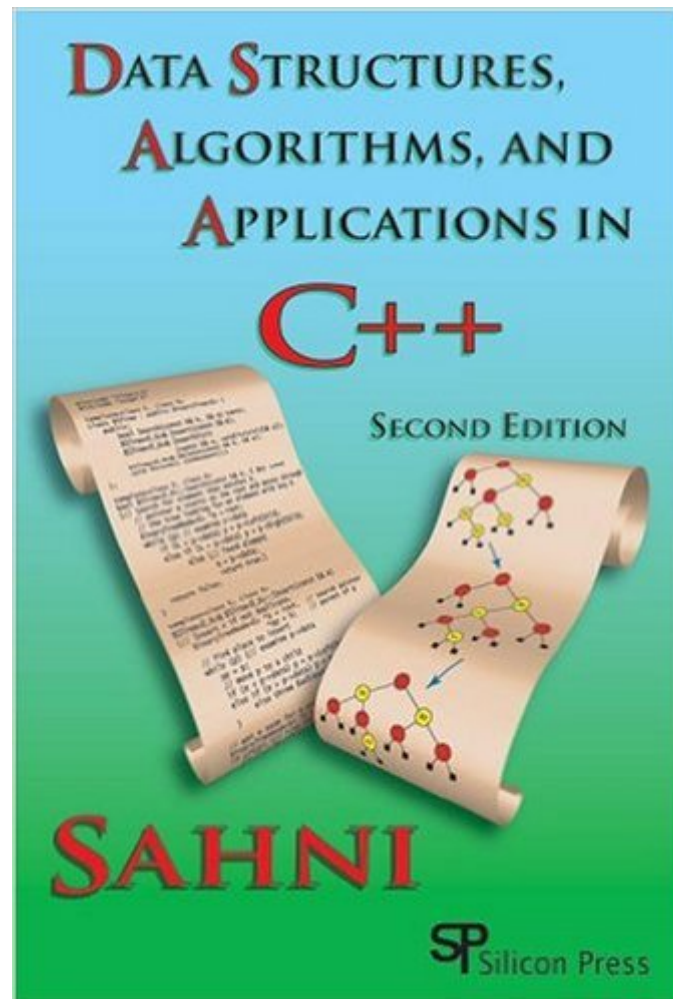


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# Data Structures, Algorithms, And Applications In C++



## Synopsis

This text provides students with an introduction to data structures and algorithms. It emphasizes algorithm analysis and the development of efficient code, and includes important background material. Divided into three parts, the text features Data Structure Application sections at the end of each chapter in part two, Algorithm Application sections in each design method chapter in part three, and a gradual development of C++ features not found in C to help students with either a background in C or C++ to comprehend topics in the book.

## Book Information

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## Customer Reviews

It goes over the primary data structures and algorithms for an intro level data structures course, but the conceptual explanations are largely limited to specific implementations. Sure, it can be extended, but there are better books out there for self-study.

This book was a huge waste of money for me. I found that everything in the course could be found on the internet just by typing in the topic. The explanations in the book are very poor and the code is abominable (Sahni has obviously NOT worked in industry for a LONG time). Buy the Korrano (or however you spell it) book if you can, maybe just look in your old "Learning C++" (etc.) textbook-it may have more Data Structures than you think.

The Book is poorly written, stale, dull, and boring. The fact that the author's natural language is not

English becomes apparent. The material is completely devoid of rhythm, meter, and idioms giving it a lifeless quality. One gets the impression that the book was originally written in another language and translated to English. The author's extent of understanding of the subject matter is uni-dimensional and superficial, albeit, he attempts to hide that fact by presenting overly esoteric exercises that overextend the text. This book more accurately represents the author's personal manuscript for a course he teaches which should have never been published. When looking at the published text one also gets the strong impression that Dr.Sahni should not be teaching the course. I know of no other University or College that relies on this text or any of Dr. Sahni's other books other than Dr. Sahni himself at the Univ. of FI. This is simply pseudo-intellectualism at its worst--inflating one's reputation by publishing texts that are not worth the paper they were printed on. Unfortunately,Dr. Sahni does have a small entourage of loyal supporters who have overinflated the merits of his books.

I am a student in the University of Athens, where they provide us this book. I find it poor written, quite difficult to understand it, plus the source code does not usually work all the time. Stay away!

I agree with the fact that the English used in this book is a little confusing, probably because this is not the writer's mother language. But this does not really effect understanding the codes and the approaches used in this book. The book is intended for people that are already familiar with C++.If you are a beginner, I recommend that you stay away from this book. But if you are a little experienced in C++ and want to discover data structures, I can guarantee that this book is more than satisfactory. The codes are very efficient and error-prone. I used it as a course book and found it very usefull.

The books overall layout is not that bad. A lower level programmer would probably find this book a little overwhelming and is definitely not something you curl up with to read for the heck of it. Has a good bit of code that could be helpful for getting started on... Book is generally not bad.

The purchased book was in good condition for the price.It appears that it was published in India (possibly international student version), but still contains the correct material.The text and pictures are all in black and white.

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