

About the Course

Kuan-Yu Chen (陳冠宇)

2020/09/14 @ TR-313, NTUST

Data Structures

- Data structures is concerned with the **representation** and **manipulation** of data
 - We shall study ways to represent data and algorithms to manipulate these representations
 - Representation
 - Stacks, Queues, Linked Lists, Trees, Graphs
 - Manipulation
 - Sorting, Searching,
- The course will mainly concentrate on tree, graphs, sorting, and searching

Tentative Grading

- Homework: 55%
- Midterm: 25%
- Final: 30%

- Instructor: 陳冠宇
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 - http://faculty.csie.ntust.edu.tw/~kychen/courses/2020_Fall_DS/2020_DS.html

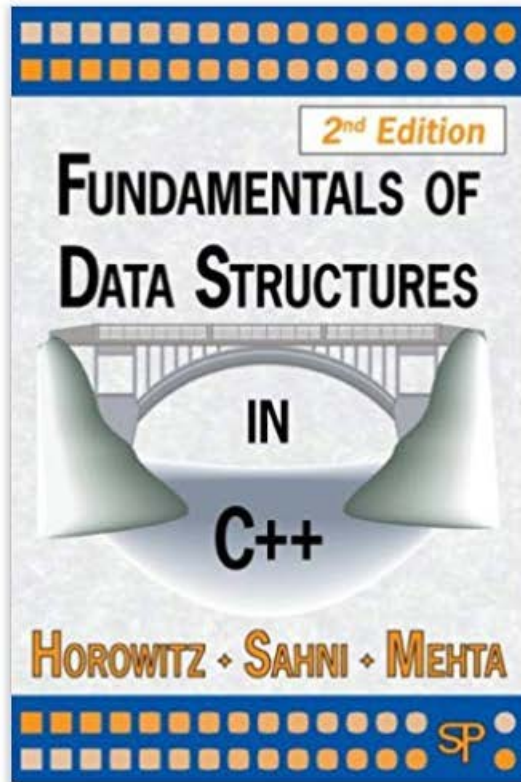
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Reference.

Fundamentals of Data Structures in C++ 2nd Edition

by [Ellis Horowitz](#) (Author), [Sartaj Sahni](#) (Author), [Dinesh Mehta](#) (Author)

★★★★☆ 20 customer reviews



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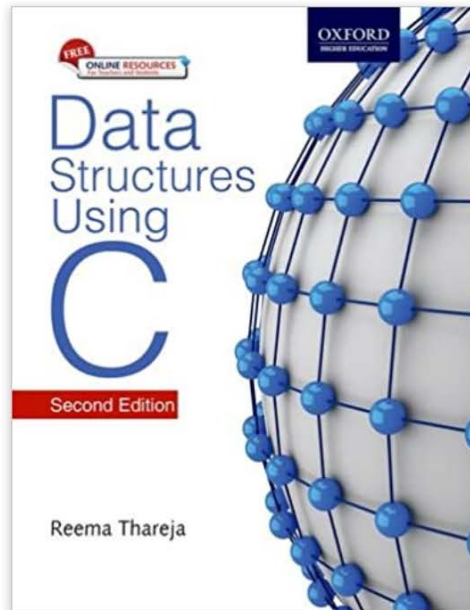
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Data Structures Using C 2nd Edition

by Reema Thareja (Author)

★★★★☆ 179 ratings



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