

Learning JavaScript Data Structures and Algorithms; 218 pages; 9781783554881; 2014; Loiane Groner; Packt Publishing Ltd, 2014

Hone your skills by learning classic data structures and algorithms in JavaScript About This Book Understand common data structures and the associated algorithms, as well as the context in which they are used. Selection from Learning JavaScript Data Structures and Algorithms - Second Edition [Book]. Explore a preview version of Learning JavaScript Data Structures and Algorithms - Second Edition right now. O'Reilly members get unlimited access to live online training experiences, plus books, videos, and digital content from 200+ publishers. Start your free trial. Book description. Hone your skills by learning classic data structures and algorithms in JavaScript. About This Book. Another good intro book on algorithms and data structures. A lovely and bright book and any programmer who doesn't like heavy use of Mathematics on the algorithm will appreciate this book. Btw, if you find this book challenging to read, which is what some of my readers complain, then you can also take a look at the Grokking Algorithms by Aditya Bhargava, one of the easiest and exciting books on Algorithms for beginners. Effect of learning Algorithm is not immediately visible, but you will notice a subtle improvement in your thinking, solution building, and code quality over time. It includes courses on Java, Python, and JavaScript for easy learning. Javarevisited. Medium's largest Java publication, followed by 9700+ programmers. Data structures and algorithms are the base of every solution to any programming problem. This book begins by covering the basics of the JavaScript language and then moves on to discuss the most important data structures such as array, queue, stack, and linked list. You will also gain an in-depth knowledge of how hash tables and set data structure function. After this, you will be taught what trees are, and how to use the binary tree and the binary search tree. In subsequent chapters, you will learn about graphs, DFS, and BFS. Learning about data structures and algorithms is very important. The first reason is because data structures and algorithms can solve the most common problems efficiently. My collection of JavaScript and TypeScript data structures and algorithms for education purposes. Source code bundle of JavaScript algorithms and data structures book. goo.gl/hrb00r. 2.8k stars. Use Git or checkout with SVN using the web URL. Work fast with our official CLI. Learn more. Open with GitHub Desktop. Download ZIP. Data structures and algorithms are the base of every solution to any programming problem. This book begins by covering the basics of the JavaScript language and then moves on to discuss the most important data structures such as array, queue, stack, and linked list. You will also gain an in-depth knowledge of how hash tables and set data structure function. Chapter 1, JavaScript "A Quick Overview", covers the basics of JavaScript you need to know prior to learning about data structures and algorithms. It also covers setting up the development environment needed for this book. Chapter 2, Arrays, explains how to use the most basic and most used data structure arrays.