Git and GitHub

1. About Git - GitHub Docs
2. Git Book
3. Fork a Repo - GitHub Docs
4. The Linux Command Line | Ubuntu

C Basics

1. Functions in C
2. Structures in C
3. Pointers in C
4. Void Pointers
5. Function Pointers in C and C++ Function Pointers

GDB and Valgrind

1. GDB/Valgrind Tutorial 1
2. GDB/Valgrind Tutorial 2

Linked Lists & Complexity Analysis

1. Linked List (Single, Doubly)
2. Big-O Notation Explained with Examples
3. Big-O Algorithm Complexity Cheat Sheet

Binary Search Trees & Binary Heaps

1. Binary Search Trees, AVL Trees
2. Tree Traversals
3. VisuAlgo - Binary Heap (Priority Queue)

Hash Tables & Graphs

1. Associative Array
2. Hash Table - Wikipedia
3. Hash Table (Open Addressing: Linear Probing, Quadratic Probing, Double Hashing and Closed Addressing: Separate Chaining)
4. Graph (abstract data type) - Wikipedia
5. Graph Data Structures (Adjacency Matrix, Adjacency List, Edge List)
6. Depth-first search - Wikipedia
7. Breadth-first search - Wikipedia
8. Dijkstra's algorithm - Wikipedia
9. Single-Source Shortest Paths (Bellman Ford's, Dijkstra's/+ve Weighted, BFS/Unweighted, DFS/Tree, Dynamic Programming/DAG)