

Data Structures and Algorithms Cheat Sheet by AcousticNinja via cheatography.com/20668/cs/3387/

Hashing

Hashing

Red-Black Trees

Elementary Graph Algorithms

Bipartite Graphs

Path Compression

find (i) {
 if p[i] = i
 return i
 else

p[i] = find(p[i]) return p[i]

Disjoint Sets: all nodes that are parents of the argument gets assigned the same root node as their parent (representative element) including the argument itself.

Heaps & Heapsort

Disjoint Sets

Minimum Spanning Tree

Network Flows 1

BST & AVLT

Greedy Algorithms

Single Source Shortest Path

Network Flows 2



By AcousticNinja

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