Michael Ventoso:

User hacker rank to learn the algo/item.

Leet code is where you put all this together.

**Data Structures**:

Arrays (lists)

Strings

Hash Maps (dictionaries)

set,

stack,

queue,

tuple

Linked list + doublely linked

Tree - BST, Red/Black tree, Heap, Min/max Priority Queue, Trie

Graphs

**Algorithms**:

Searching- binary

Sort- Quick/Merge

Graph.tree traversal- Depth first/Breadth first, Shortest Path

Greedy algos

Hashing

Dynamic programming/memoization

Concepts that are nice to have

Bit Manipulation

Threading/asynchronous processes

Also the more math you're comfortable with, the better (especially geometry,, probability, number theory, and maybe statistics) (edited)

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