

## Data Structure & Pattern Resources

Key DS to know include:

- Arrays, Strings
- Linked List
- Stacks, Queues
- Trees, Tries, Heaps
- Graphs

InterviewCake, GeeksForGeeks, and CTCI have excellent summaries of how to traverse these data structures, determine big o, and other common algorithms (ex. DFS, BFS for Graphs, Trees)

Highly recommend creating a language specific cheatsheet to know what language library support exists. Here's a sample ds cheatsheet: [https://github.com/TSiege/Tech-Interview-Cheat-Sheet?fbclid=IwAR2bYprxIKKfSz28k\\_LAggPiLuO-v9JZmLLBwduRR7q0FntoOtNxiFiY2JQ](https://github.com/TSiege/Tech-Interview-Cheat-Sheet?fbclid=IwAR2bYprxIKKfSz28k_LAggPiLuO-v9JZmLLBwduRR7q0FntoOtNxiFiY2JQ) , <https://introcs.cs.princeton.edu/java/11cheatsheet/>

Also here's a big o study guide: <https://www.bigocheatsheet.com/>

Here's some common problem solving patterns to know: <https://hackernoon.com/14-patterns-to-ace-any-coding-interview-question-c5bb3357f6ed>