



C949 - Checklist

Basics of Algorithms

- [Factors & Characteristics of Algorithms](#) (Click here)
- [ADT's \(Abstract Data Types\)](#) (Click here)
- [Big O Notation & Time Complexity](#) (Click here)
- [Simplifying O Notation](#) (Click here)

Data Structures:

- [Array](#) (Click here)
- [Stack](#) (Click here)
- [Queue](#) (Click here)
- [Types of Queue](#) (Click here)
- [Priority Queue](#) (Click here)
- [Deque \(Double Queue\)](#) (Click here)
- [Linked List](#) (Click here)
- [Hash Table](#) (Click here)
- [Binary Tree](#) (Click here)
- [Heap](#) (Click here)
- [Graphs](#) (Click here)

Sorting & Searching Algorithms:

- Linear Search ([Click here](#))
- Binary Search ([Click here](#))
- Bubble Sort ([Click here](#))
- Selection Sort ([Click here](#))
- Insertion Sort ([Click here](#))
- Merge Sort ([Click here](#))
- Quick Sort ([Click here](#))
- Bucket Sort ([Click here](#))
- Heap Sort ([Click here](#))
- Shell Sort ([Click here](#))

Review Study using Quizlet

C949 Data Structures and Algorithms

** Very important, use the "Learn" feature on quizlet for this practice set!