Conclusion / Feedback

This course covered the basics of data structures. With this we have only scratched the surface. Although we have built a good foundation to move ahead.

Data Structures is not just limited to Stack, Queues, and Linked Lists but is quite a vast area. There are many more data structures which include Maps, Hash Tables, Graphs, Trees, etc. Each data structure has its own advantages and disadvantages and must be used according to the needs of the application. A computer science student at least know the basic data structures along with the operations associated with them.

Many high level and object oriented programming languages like C#, Java, Python come built in with many of these data structures. Therefore, it is important to know how things work under the hood.

Where do I go from here?

University courses usually combine Data Structures along with Algorithms. It is good to start with Algorithms and learn the common algorithms used in computer science. Along with that also learn how to calculate the complexity of algorithms. Thereafter, move on to more advanced data structures like Graphs, Trees, etc.

In case you find any mistakes in the course material, please comment and let me know.

All the best!

Previous: Linked List - Additional Reading

OR

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