Buy Algo and DS book and crack the coding interview:

https://www.instamojo.com/aj_guides/ajs-guide-to-algorithm-and-data-structure-in/

For Interview preparation check the links below:

Algorithm and Data Structures 80+ chapters: https://www.prodevelopertutorial.com/ajs-guide-to-data-structures-and-algorithms-the-complete-guide-from-beginner-to-expert/

Coding questions 200+ solved questions: https://www.prodevelopertutorial.com/ajs-guide-to-interview-coding-questions/

C++ Tutorial 88+ chapters: https://www.prodevelopertutorial.com/ajs-guide-to-c-programming-for-beginners/

Linux System Programming: https://www.prodevelopertutorial.com/ajs-guide-to-linux-system-programming/

https://t.me/FreePlacementMaterials

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What would be a 3 months road map to learn data structures and algorithm for this summer break?

- **Start From Basic**
  - Learn about basic Data Structure , e.g:- Linked List, Stack, Queue, Tree,Graph , Map(C++ STL).
  - Data Structures -ProDeveloperTutorial is enough for learning about these Data Structure. https://www.prodevelopertutorial.com/ajs-guide-to-data-structures-and-algorithms-the-complete-guide-from-beginner-to-expert/

  - Implement them by your self (in your favorite language, it will help you to understand them well and also learn about time complexity more clearer)
  - So it will take around 10 - 15 days to learn about basic Data Structure deeply.
  - Now start learning about ALGO. For Algorithm i will suggest CLRS book.
  - Topcoder Tutorial, Codeforces Tutorial and you can find many awesome blog online doing just Google Search. Learn from there also.
  - For each topic (Algorithm which you learn), start solving problem on codechef , hackerrank, Codeforces. (It will make you perfect). While practicing read problem description slowly , think about solution, give enough time to think , implement. If you solved (Just read other person solution , it will just increase your thinking ability, give you new ways to solve problem). If not able to solve , than don't worry , read other person solution. and understand that, Maybe some time it will be hard to understand , just use pan and paper and try to understand each line of code , what it is doing. It will help you alot. If you programming enthu, than do much coding otherwise for learning you can just solve some problem for your better understanding. (Practice Make A Man Perfect.)
  - Here is useful link :- (can find all codeforces problem categories).
  - https://www.prodevelopertutorial.com/ajs-guide-to-interview-coding-questions/
  -
- **Go to Advance.**
  - Advance Data Structure (Segment Tree, BIT, Tries, Suffix Tree, Suffix Array,Advance Graph Theory)
  - Again read form GeeksForGeek.
  - Topcoder Tutorial(recommended).
  - Read Blog(just google search Topic, you will find top university lecture ppt or top blog).
  - Again Solve problem on various online judges Topcoder , Coderforces, Codechef etc.

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- I am also learn all about DS and Algo via Topcoder + Google Search and solve problem on Spoj, Codechef, hackerrank etc.
- For coding people read about library (like in C++, STL). It will make your life easy. Rest you can find on google about STL

Hope This Will Help. Best Of Luck.