**Placement Material**

**Programming Language Used: C**

* Programming in C: <https://www.youtube.com/playlist?list=PLu0W_9lII9aiXlHcLx-mDH1Qul38wD3aR>
* DS-ALGO: <https://www.youtube.com/playlist?list=PLu0W_9lII9ahIappRPN0MCAgtOu3lQjQi>
* Analysis of Algorithms: <https://www.youtube.com/playlist?list=PLDN4rrl48XKpZkf03iYFl-O29szjTrs_O>

**Programming Language Used: C++**

* Programming in C++: <https://www.youtube.com/watch?v=EAR7De6Goz4> (TakeUForward)
* ARRAYS: <https://www.youtube.com/playlist?list=PLgUwDviBIf0rENwdL0nEH0uGom9no0nyB> (TakeUForward)
* STRING: <https://www.youtube.com/playlist?list=PLDdcY4olLQk0A0o2U0fOUjmO2v3X6GOxX> (CodeLibrary)
* BINARY SEARCH: <https://www.youtube.com/playlist?list=PLgUwDviBIf0pMFMWuuvDNMAkoQFi-h0ZF> (TakeUForward)
* Dynamic Programming:
  + TakeUForward: <https://www.youtube.com/playlist?list=PLgUwDviBIf0pwFf-BnpkXxs0Ra0eU2sJY>
  + Aditya Verma: <https://www.youtube.com/playlist?list=PL_z_8CaSLPWekqhdCPmFohncHwz8TY2Go>
* STACK AND QUEUE: <https://www.youtube.com/playlist?list=PLgUwDviBIf0pOd5zvVVSzgpo6BaCpHT9c> (TakeUForward)
* HEAP: <https://www.youtube.com/playlist?list=PL_z_8CaSLPWdtY9W22VjnPxG30CXNZpI9> (Aditya Verma)
* SLIDING WINDOW: <https://www.youtube.com/playlist?list=PLgUwDviBIf0q7vrFA_HEWcqRqMpCXzYAL> (TakeUForward)
* RECURSION, BACKTRACKING: <https://www.youtube.com/playlist?list=PLgUwDviBIf0rGlzIn_7rsaR2FQ5e6ZOL9> (TakeUForward)
* TREES: <https://www.youtube.com/playlist?list=PLgUwDviBIf0q8Hkd7bK2Bpryj2xVJk8Vk> (TakeUForward)
* GRAPHS: <https://www.youtube.com/playlist?list=PLgUwDviBIf0rGEWe64KWas0Nryn7SCRWw> (TakeUForward)
* LINKEDLIST: <https://www.youtube.com/playlist?list=PLKZaSt2df1gz775Mz-2gLpY9sld5wH8We> (TakeUForward)
* TRIE: <https://www.youtube.com/playlist?list=PLgUwDviBIf0pcIDCZnxhv0LkHf5KzG9zp> (TakeUForward)
* SEGMENT TREE: <https://www.youtube.com/watch?v=SzLf8DvwIxI&ab_channel=CodeBuddyOfficial> (CodeBuddyOfficial)
* STL: <https://youtu.be/RRVYpIET_RU?si=Drz4bAJ56SWPleHw> (TakeUForward)
* HASHING: <https://youtube.com/playlist?list=PLzjZaW71kMwQ-D3oxCEDHAvYu8VC1XOsS> (Hello World)
* COMPETITIVE PROGRAMMING: <https://www.youtube.com/playlist?list=PLauivoElc3ggagradg8MfOZreCMmXMmJ-> (LUV)
* CodeWithTwins: <https://www.youtube.com/playlist?list=PL2ZC2yNuZ0DWaXlMWSOaR61nAFWDqgQ0Z>

**Programming Language Used: JAVA**

* Programming in JAVA: <https://www.youtube.com/playlist?list=PLu0W_9lII9agS67Uits0UnJyrYiXhDS6q>
* Data Structure and Algorithms:
  + Kunal Kushwaha: <https://www.youtube.com/playlist?list=PL9gnSGHSqcnr_DxHsP7AW9ftq0AtAyYqJ>
  + Pepcoding: <https://www.youtube.com/c/Pepcoding>
  + Durga Sir: <https://youtube.com/playlist?list=PLd3UqWTnYXOmx_J1774ukG_rvrpyWczm0>
  + Anuj Bhaiya: <https://www.youtube.com/playlist?list=PLUcsbZa0qzu3yNzzAxgvSgRobdUUJvz7p>

**Programming Language Used: Python**

* Programming in Python: <https://www.youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME>
* DSA in Python: <https://youtu.be/pkYVOmU3MgA>
* DS-ALGO: <https://www.youtube.com/playlist?list=PLzgPDYo_3xukPJdH6hVQ6Iic7KiJuoA-l>
* Tech With Tim: <https://www.youtube.com/c/TechWithTim>
* Python Engineer: <https://www.youtube.com/c/PythonEngineer>

**Placement Series**

* C++: <https://www.youtube.com/playlist?list=PLgUwDviBIf0oF6QL8m22w1hIDC1vJ_BHz> (TakeUForward)
* JAVA: <https://www.youtube.com/playlist?list=PL9gnSGHSqcnr_DxHsP7AW9ftq0AtAyYqJ> (Kunal Kushwaha)
* JAVA: <https://www.pepcoding.com/resources/> (Pepcoding)
* PYTHON: <https://www.youtube.com/playlist?list=PLYyHL-eSMowW1hFTYyufPa9C1rBI3H9r2>

**Placement Sheets**

* DSA: <https://takeuforward.org/strivers-a2z-dsa-course/strivers-a2z-dsa-course-sheet-2/>
* DBMS: <https://takeuforward.org/dbms/most-asked-dbms-interview-questions>
* Operating System: <https://takeuforward.org/operating-system/most-asked-operating-system-interview-questions>
* Computer Networks: <https://takeuforward.org/computer-network/most-asked-computer-networks-interview-questions>
* System Design: <https://takeuforward.org/system-design/complete-system-design-roadmap-with-videos-for-sdes>

**Computer Science Fundamentals**

* DataBase and Management System (DBMS): <https://www.youtube.com/playlist?list=PLrL_PSQ6q062cD0vPMGYW_AIpNg6T0_Fq>
* Operating System (OS): <https://www.youtube.com/playlist?list=PLxCzCOWd7aiGz9donHRrE9I3Mwn6XdP8p>
* Computer Networks (CN): <https://www.youtube.com/playlist?list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV>\_
* Object Oriented Programming System (OOPS):
  + Java: <https://www.youtube.com/watch?v=bSrm9RXwBaI&ab_channel=ApnaCollege>
  + C++: <https://www.youtube.com/watch?v=wN0x9eZLix4&ab_channel=freeCodeCamp.org>
  + Python: <https://www.youtube.com/watch?v=qiSCMNBIP2g&ab_channel=Telusko>
* Theory Of Computation (THOC): <https://www.youtube.com/playlist?list=PLBlnK6fEyqRgp46KUv4ZY69yXmpwKOIev>
* Software Engineering (SE): <https://www.youtube.com/playlist?list=PLxCzCOWd7aiEed7SKZBnC6ypFDWYLRvB2>

**Designing**

**SYSTEM DESIGN**

* Gaurav Sen: <https://www.youtube.com/playlist?list=PLMCXHnjXnTnvo6alSjVkgxV-VH6EPyvoX>
* SudoCode: <https://www.youtube.com/playlist?list=PLTCrU9sGyburBw9wNOHebv9SjlE4Elv5a>
* Whatsapp System Design: <https://www.youtube.com/watch?v=LsH-t75P544>
* Instagram Design: <https://www.youtube.com/watch?v=QmX2NPkJTKg>
* TikTok Architecture Design: <https://www.youtube.com/watch?v=07BVxmVFDGY>
* Tinder System Design: <https://www.youtube.com/watch?v=tndzLznxq40>
* System Design of Amazon, Flipkart like E-commerce: <https://www.youtube.com/watch?v=2BWr0fsDSs0>
* Mock Low Level Design Interview: <https://www.youtube.com/watch?v=J-4UQ_WpMtc>
* High Level Design vs Low Level Design: <https://www.youtube.com/watch?v=H703ErIrby8>
* Low Level Design of a Fitness App: <https://www.youtube.com/watch?v=7-A5NgGrJqY>
* Mock Low Level Design Interview: <https://www.youtube.com/watch?v=cqxowa0JbpI>

**LOW LEVEL DESIGN**

* Soumyajit Bhattacharya: <https://www.youtube.com/playlist?list=PL12BCqE-Lp650Cg6FZW7SoZwN8Rw1WJI7>
* Sandeep Kaul: <https://www.codekarle.com/>
* Crack the System Design Interview: <https://tianpan.co/notes/2016-02-13-crack-the-system-design-interview>
* System Design Interview — Alex Xu: <https://www.amazon.com/System-Design-Interview-Insiders-Guide-ebook/dp/B08B3FWYBX/>
* Designing Data Intensive Applications: <https://www.amazon.com/Designing-Data-Intensive-Applications-Reliable-Maintainable-ebook/dp/B06XPJML5D/>
* System Design Interview: <https://github.com/checkcheckzz/system-design-interview>
* System Design: <https://github.com/shashank88/system_design>
* Services Engineering: <https://github.com/mmcgrana/services-engineering>
* Engineering Blogs: <https://github.com/kilimchoi/engineering-blogs>
* LLD Coding: [https://lldcoding.com](https://lldcoding.com/)

**Git and Github**

* Git and GitHub for Poets: <https://www.youtube.com/playlist?list=PLRqwX-V7Uu6ZF9C0YMKuns9sLDzK6zoiV>

**Projects**

* WEB DEVELOPMENT: <https://www.youtube.com/playlist?list=PLu0W_9lII9agiCUZYRsvtGTXdxkzPyItg>
* DATA SCIENCE: <https://www.youtube.com/playlist?list=PLu0W_9lII9agK8pojo23OHiNz3>

Jm6VQCH

* MACHINE LEARNING: <https://www.youtube.com/playlist?list=PLu0W_9lII9ai6fAMHp-acBmJONT7Y4BSG>

**ADD-ONS**

* leetcode-patterns: <https://github.com/seanprashad/leetcode-patterns>
* Coding-Interview-Patterns: <https://github.com/dipjul/Grokking-the-Coding-Interview-Patterns-for-Coding-Questions>