**CAMPUS PLACEMENT PREPARATION GUIDE [CSE]**

Generally, all the placement interviews consist of 4 steps

Step 1: **Resume Shortlisting**

Step 2: **Coding Interview**

Step 3: **Technical Interview**

Step4: **HR round**

*RESUME SHORTLISTING*

Generally, resume shortlisting is mainly done on basis of ***cgpa*** scored, during ***on campus placements*** whereas during ***off campus*** placements it is based on ***your overall performance*** including your cgpa, coding profile, projects you have done, your work experience in past [if exists] etc.

PS: cgpa is not that important when off campus placements are considered

PS: few companies also take *Aptitude and Reasoning* test and *English* for shortlisting students for interviews therefore you must also focus on practicing aptitude questions.

*CODING INTERVIEW*

This round is mainly based on solving ***DATA STRUCTURES AND ALGORITHMS*** question asked in an interview using any programming language of your choice like *c/c++, java, python, JavaScript* etc.

***Programming languages uses:***

***C++ Vs Java Vs Python***

1. Bitcoin dev 1. Android dev 1. ML

2. Game dev 2. Web apps 2. AI

3. Microsoft OS dev 3. Backend dev 3. Web apps

4. Apple IOS dev

PS: Its better to implement DSA in *c++/java* because few companies don’t allow to write code in python. if you want to get into *competitive programming* then *c++* must be your choice since its execution time is fast when compared to java.

This coding interview is mostly company specific

**Companies which mainly focus on DSA**

Amazon, Microsoft, Samsung, Adobe, Airtel, Urban company,

My kaarma, Walmart, Oyo, Ola etc.

**Companies which focus on competitive programming**

Google, De shaw, Arcesium, Codenation, Tower Research Capital, Sprinklr, Directii, Media.net etc.

PS: for tier 3 college students its recommended to have good competitive coding profile on *codechef/codeforces* which mainly helps in resume shortlisting.

***Company wise coding interview questions can be found in the below folder***

1. [*https://drive.google.com/drive/u/2/folders/1qp6f2r2rZUoQjvVFH-il0\_1ZxaUxIndi*](https://drive.google.com/drive/u/2/folders/1qp6f2r2rZUoQjvVFH-il0_1ZxaUxIndi)

*TECHINCAL INTERVIEW*

This consist of **2-4 rounds** which are mainly based on core CSE subjects like **OOPS, DBMS, OS, NETWORKING, SYSTEM DESIGN** etc.

Few DSA questions can also be asked in this round, few **PUZZLES** can also be asked in this round, there will also be questions asked on your **RESUME and PROJECTS** you have done etc.

*HR ROUND*

This round is solely based on your personality. Commonly asked questions:

1. Tell me about yourself?
2. Why we need to hire you?
3. Why are your strengths and failures?
4. What are your hobbies?
5. Where do you want to see yourself after 5 years?

***HOW IMP IS LINKEDIN FOR OFF CAMPUS PLACEMENTS:***

1. [*https://www.youtube.com/watch?v=vrOMFAoOES0*](https://www.youtube.com/watch?v=vrOMFAoOES0)
2. [*https://www.youtube.com/watch?v=F4yNqsnb5m4*](https://www.youtube.com/watch?v=F4yNqsnb5m4)

***RESOURCES FOR APTITUDE ROUND PREPARATION:***

This round will be mainly taken by **service-based** companies like **TCS, INFOSYS, WIPRO, COGNIZANT, ACCENTURE**, etc. and few **product-based** companies like **AMAZON, ADOBE** etc.

This mainly consists of 4 topics

1. QUANTITATIVE APTITUDE
2. LOGICAL REASONING
3. VERBAL ABILITY
4. CODING SKILLS [can be asked]

YouTube playlist for learning **QUANTITATIVE APTITUDE**

1. <https://www.youtube.com/c/TalentSprintAptitudePrep/playlists?view=50&sort=dd&shelf_id=42>
2. <https://www.youtube.com/playlist?list=PLjLhUHPsqNYnM1DmZhIbtd9wNhPO1HGPT>
3. <https://www.youtube.com/playlist?list=PLpyc33gOcbVA4qXMoQ5vmhefTruk5t9lt>

YouTube playlist for learning **LOGICAL REASONING**

1. <https://www.youtube.com/playlist?list=PLpyc33gOcbVADMKqylI__O_O_RMeHTyNK>
2. <https://www.youtube.com/c/TalentSprintAptitudePrep/playlists?view=50&sort=dd&shelf_id=30>

YouTube playlist for learning **VERBAL ABILITY**

1. <https://www.youtube.com/playlist?list=PLBG_hRMQjgpxi34wGULy8gJ8iMvXZgUMX>
2. <https://www.youtube.com/c/TalentSprintAptitudePrep/playlists?view=50&sort=dd&shelf_id=32>

Few book resources for Aptitude

1. <https://drive.google.com/file/d/1g7yFBXaGpg-QhlCvkDn0dUOtSVR5LxvE/view?usp=sharing>

practice resources for aptitude and reasoning

1. <https://www.indiabix.com/>
2. <https://www.geeksforgeeks.org/placements-gq/>
3. <https://www.codingninjas.com/codestudio/guided-paths/aptitude-preparation>

few companies like TCS, WIPRO, IBM also take essay test for testing our writing skills

so kindly watch this video to get an overview about this

<https://www.youtube.com/watch?v=moFkqxJz60U>

<https://www.youtube.com/watch?v=Xd2rMPtZujc>

PS: It suggested to practice on indiabix.com very selectively not all the questions since the list of questions is very vast. It is also suggested to practice under time bound and in an online platform rather than offline because almost in every aptitude test time management would be key.

***HOW EXACTLY DOES TCS HIRES?***

1. <https://drive.google.com/file/d/1o_a_uM51WDBC3TUplNk-TgzwXJsZrMrB/view?usp=sharing>

**AMAZON COMPANY PLACEMENT GUIDE:**

1. <https://drive.google.com/file/d/15kIzNPFqOEESAgXgg47ibjKnw4otMNSK/view?usp=sharing>

***TCS NQT EXAMINANTION PREPARATION RESOURCE:***

1. [*https://www.codingninjas.com/codestudio/guided-paths/tcs-nqt-test-preparation-path*](https://www.codingninjas.com/codestudio/guided-paths/tcs-nqt-test-preparation-path)

***INFOSYS HACK WITH INFY EXAM PREPARATION RESOURCE:***

1. [*https://www.codingninjas.com/codestudio/guided-paths/hack-with-infy-preparation-path*](https://www.codingninjas.com/codestudio/guided-paths/hack-with-infy-preparation-path)

***RESOURCES FOR LEARNING PROGRAMMING LANGUAGES:***

**C LANGUAGE RESOURCES**

YOUTUBE PLAYLIST VIDEOS

1. <https://www.youtube.com/playlist?list=PLsyeobzWxl7oBxHp43xQTFrw9f1CDPR6C>
2. <https://www.youtube.com/playlist?list=PLBlnK6fEyqRggZZgYpPMUxdY1CYkZtARR>
3. <https://www.youtube.com/playlist?list=PLVlQHNRLflP8IGz6OXwlV_lgHgc72aXlh>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/1xd0U9vpHjh34awM4a1ZSdcBalPs8ipCm/view?usp=sharing>
2. <https://drive.google.com/file/d/18b3Y9uXO2Ao4ZG3AZ5UuLNVh9gJ6eAuc/view?usp=sharing>

PRACTICE QUESTIONS PDF

1. <https://drive.google.com/file/d/1Gk6kaOY6TDAMrxGb20bo_N_M8W7tQ405/view?usp=sharing>
2. <https://drive.google.com/file/d/1kt79jrToBs69TkMn12seZW3AnDwoHDj6/view?usp=sharing>

**C++ LANGUAGE RESOURCES**

YOUTUBE PLAYLIST VIDEOS

1. <https://www.youtube.com/playlist?list=PLk6CEY9XxSIAQ2vE_Jb4Dbmum7UfQrXgt>
2. <https://www.youtube.com/playlist?list=PLfVsf4Bjg79Cu5MYkyJ-u4SyQmMhFeC1C>
3. <https://www.youtube.com/playlist?list=PLIY8eNdw5tW_o8gsLqNBu8gmScCAqKm2Q>

PS: If you are comfortable in Hindi language then you can opt for the following playlist by code with harry, Saurabh Shukla sir

1. <https://www.youtube.com/playlist?list=PLu0W_9lII9agpFUAlPFe_VNSlXW5uE0YL>
2. <https://www.youtube.com/playlist?list=PLLYz8uHU480j37APNXBdPz7YzAi4XlQUF>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/1zdn9Z33CgFtjGMSN4z3a9ww2P77ywKjr/view?usp=sharing>
2. <https://drive.google.com/file/d/1QmQmYGYT1q4NwHkzAp00S2T8cJW6DlWn/view?usp=sharing>
3. <https://www.learncpp.com/>
4. <https://www.geeksforgeeks.org/c-plus-plus/>
5. <https://en.cppreference.com/w/>

**JAVA LANGUAGE RESOURCES**

YOUTUBE PLAYLIST VIDEOS

1. <https://www.youtube.com/playlist?list=PLBlnK6fEyqRjKA_NuK9mHmlk0dZzuP1P5>
2. <https://www.youtube.com/playlist?list=PLsyeobzWxl7oZ-fxDYkOToURHhMuWD1BK>
3. <https://www.youtube.com/watch?v=eIrMbAQSU34>

PS: If you are good at Hindi language then you can check out the playlist below

1. <https://www.youtube.com/playlist?list=PLu0W_9lII9agS67Uits0UnJyrYiXhDS6q>
2. <https://www.youtube.com/watch?v=UmnCZ7-9yDY&t=69s>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/1EzW6FyLXUjXJt2VeWP6Qe4g7P32ERrGk/view?usp=sharing>
2. <https://drive.google.com/file/d/12CbzQmgD6FjbcKbij5RK0nsaPmxUwktJ/view?usp=sharing>
3. <https://www.geeksforgeeks.org/java/>

**PYTHON LANGUAGE RESOURCES**

YOUTUBE PLAYLIST VIDEOS

1. <https://www.youtube.com/playlist?list=PLsyeobzWxl7poL9JTVyndKe62ieoN-MZ3>
2. <https://www.youtube.com/watch?v=_uQrJ0TkZlc>

PS: If you are good at Hindi language then you can check out the playlist below

1. <https://www.youtube.com/playlist?list=PLu0W_9lII9agICnT8t4iYVSZ3eykIAOME>
2. <https://www.youtube.com/playlist?list=PLwgFb6VsUj_lQTpQKDtLXKXElQychT_2j>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://realpython.com/>
2. <https://docs.python.org/3/>
3. <https://drive.google.com/file/d/1zaF5woYcXWfVGEjUFE8I9yZCBR2H2z90/view?usp=sharing>
4. <https://drive.google.com/file/d/12CVss840rIRXbQMogjD04QlZo-cB7bkR/view?usp=sharing>
5. <https://www.geeksforgeeks.org/python-programming-language/>

PS: In resource number 4 its slides for an Udemy course of python language, you can skip first few slides and you can selectively read from those slides.

PRACTICE WEBSITES FOR PROGRAMMING LANGUAGES

1. <https://www.hackerearth.com/practice/>
2. <https://www.hackerrank.com/dashboard>
3. <https://practice.geeksforgeeks.org/>
4. <https://www.codingninjas.com/codestudio/guided-paths/basics-of-c>
5. <https://www.codingninjas.com/codestudio/guided-paths/basics-of-java>
6. <https://www.codingninjas.com/codestudio/guided-paths/basics-of-python>

PS: It is recommended to practice on **HackerRank, HackerEarth** platforms and get familiar with that because lot of companies conduct their coding round on these platforms therefore its better for you to get familiarized with those platforms

If you want to know about **hackerrank** platform kindly watch this video

<https://www.youtube.com/watch?v=iyn6ZQ2qtvs>

If you want to know about **hackerearth** platform kindly watch this video

<https://www.youtube.com/watch?v=BYUXT_9UWJQ>

Few important sites for programming tutorials

1. <https://www.codecademy.com/>
2. <https://www.freecodecamp.org/>

Entire **programming books resources** pdf drive link

<https://drive.google.com/drive/folders/1FG12bgxm0UTmxpB6J_qVdv63fUTnD_hC?usp=sharing>

we will be updating above drive frequently if we find new books or any other resources kindly check it regularly

***RESOURCES FOR CORE CSE FUNDAMENTALS:***

**Few imp topics for placements and internships**

[*https://drive.google.com/file/d/1K7wEoDSDlkkNKpRDk\_Be2RWV00hel4im/view?usp=sharing*](https://drive.google.com/file/d/1K7wEoDSDlkkNKpRDk_Be2RWV00hel4im/view?usp=sharing)

**Object Oriented Programming [OOPS] and Object-Oriented Design RESOURCES**

YOUTUBE PLAYLIST VIDEOS

1. <https://www.youtube.com/playlist?list=PLfVsf4Bjg79DLA5K3GLbIwf3baNVFO2Lq>
2. <https://www.youtube.com/watch?v=wN0x9eZLix4>
3. <https://www.youtube.com/watch?v=l-yoxklZwfM>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/1JCTRKUqOSZEATP8uuXcZTdkhj_AiNO1Q/view?usp=sharing>
2. <https://drive.google.com/file/d/1tsvjN0fKHbztjSBHdNQfMBxpA-kgk9wN/view?usp=sharing>
3. <https://drive.google.com/file/d/1WUDrhz-Qf-yDusaGPZdsxiFYYZLVmB2s/view?usp=sharing>
4. <https://www.geeksforgeeks.org/object-oriented-programming-in-cpp/>
5. <https://www.geeksforgeeks.org/oops-object-oriented-design/>
6. <https://www.geeksforgeeks.org/object-oriented-programming-oops-concept-in-java/>
7. <https://drive.google.com/file/d/1rikhlVyvAE3iS4L4dnz-e_7wLgoSRkJ5/view?usp=sharing>
8. <http://www.mktechnocratcampuspatan.com/uploads/development/facility_560099.pdf>

\*This is a famous book for oops by **E BALAGURUSWAMY** sir.

ROAD MAP FOR OOPS AND OBJECT-ORIENTED DESIGN

<https://whimsical.com/object-oriented-programming-cheatsheet-by-love-babbar-YbSgLatbWQ4R5paV7EgqFw>

PS: WHILE OPENING ROADMAPS IN ANDROID MOBILE PLEASE USE NORMAL VERSION OF YOUR WEB BROWSER BASED ON YOUR COMFORT

**Operating System [OS] Resources:**

YOUTUBE PLAYLIST VIDEOS:

1. <https://www.youtube.com/playlist?list=PLBlnK6fEyqRiVhbXDGLXDk_OQAeuVcp2O>
2. <https://www.youtube.com/playlist?list=PLWPirh4EWFpGkHH9JTKH9KsnfAA471Fhy>
3. <https://www.youtube.com/playlist?list=PLdo5W4Nhv31a5ucW_S1K3-x6ztBRD-PNa>

PS: If you are good at Hindi language then you can check out the playlist below

1. <https://www.youtube.com/playlist?list=PLmXKhU9FNesSFvj6gASuWmQd23Ul5omtD>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/1dWdk_N0MWDXMy76O46ZjAMth8c8lE4_B/view?usp=sharing>
2. <https://drive.google.com/file/d/1lYKs4zbb-a9BZUNkMRYfpr0o1hKEH9rl/view?usp=sharing>
3. <https://drive.google.com/file/d/1GrfjzfE0TH-diwZr_Umhv-WSeKLFiCBO/view?usp=sharing>
4. <https://drive.google.com/file/d/1kV8vOQPcrriwMgOLvX6M7wFGy4C5Cm1H/view?usp=sharing>
5. <https://drive.google.com/file/d/1KK-cFsoie7gTp2ccJu2N4uBg0A6gGWaW/view?usp=sharing>
6. <https://drive.google.com/file/d/1cvIa2DAAEsnMjzm86HrSApLqZ1Hq2pdv/view?usp=sharing>
7. <https://drive.google.com/file/d/1Ymng0InImWwTSA8tzyeSV8wUVmgVTE5-/view?usp=sharing>
8. <https://drive.google.com/file/d/1GnkINT9GmHPMn0Rx-AUfmiTmeiFWvHIU/view?usp=sharing>
9. <https://drive.google.com/file/d/1pdrev_zHRpMqwFGg0iPouURZBrahlPQs/view?usp=sharing>
10. <https://tushars.xyz/data/os.html>
11. <https://www.os-book.com/OS9/slide-dir/index.html>

PRACTICE OS:

1. <https://www.codingninjas.com/codestudio/guided-paths/operating-system-track>

ROAD MAP FOR OPERATING SYSTEMS:

[*https://whimsical.com/operating-system-cheatsheet-by-love-babbar-S9tuWBCSQfzoBRF5EDNinQ*](https://whimsical.com/operating-system-cheatsheet-by-love-babbar-S9tuWBCSQfzoBRF5EDNinQ)

**Data Base Management Systems [DBMS] Resources:**

YOUTUBE PLAYLIST VIDEOS:

1. [*https://www.youtube.com/playlist?list=PLdo5W4Nhv31b33kF46f9aFjoJPOkdlsRc*](https://www.youtube.com/playlist?list=PLdo5W4Nhv31b33kF46f9aFjoJPOkdlsRc)
2. [*https://www.youtube.com/playlist?list=PLWPirh4EWFpGrpcMfZ6UcdI786QdtSxV8*](https://www.youtube.com/playlist?list=PLWPirh4EWFpGrpcMfZ6UcdI786QdtSxV8)
3. [*https://www.youtube.com/playlist?list=PLLAZ4kZ9dFpMGXTKXsBM\_ZNpJwowfsP49*](https://www.youtube.com/playlist?list=PLLAZ4kZ9dFpMGXTKXsBM_ZNpJwowfsP49)

*PS:* If you are good at Hindi language then you can check out the playlist below

1. <https://www.youtube.com/playlist?list=PLmXKhU9FNesR1rSES7oLdJaNFgmuj0SYV>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/1vuXhzbRic584leRn7qcQctg_HN7i2fVX/view?usp=sharing>
2. <https://drive.google.com/file/d/195QQB2Z5kmx5PFGc_8aY-j80Z6CCA943/view?usp=sharing>
3. <https://drive.google.com/file/d/1XDs82AoRCaMO22ZD3MEoGYMF0X7uCZX5/view?usp=sharing>
4. <https://drive.google.com/file/d/1Bp30yVfcPHcBf_Ip_T56-MVoDRX_W6Gz/view?usp=sharing>
5. <https://github.com/donnemartin/system-design-primer#database>
6. <https://tushars.xyz/data/db.html>
7. <https://www.db-book.com/db7/slides-dir/index.html>
8. <https://drive.google.com/file/d/1FrkghxbJpBFX1OdgXrzz9jAUk85utwU5/view?usp=sharing>

\*The above file is a pdf of commonly asked interview questions of DBMS.

ROAD MAP FOR DATA BASE MANAGEMENT SYSTEMS:

<https://whimsical.com/dbms-roadmap-by-love-babbar-FmUi8ffVop33t3MmpVxPCo>

**Computer Networks Resources:**

YOUTUBE PLAYLIST VIDEOS:

1. [*https://www.youtube.com/playlist?list=PLBlnK6fEyqRgMCUAG0XRw78UA8qnv6jEx*](https://www.youtube.com/playlist?list=PLBlnK6fEyqRgMCUAG0XRw78UA8qnv6jEx)
2. [*https://www.youtube.com/playlist?list=PLWPirh4EWFpHJrW1D9UB24wsbM3zx7QMx*](https://www.youtube.com/playlist?list=PLWPirh4EWFpHJrW1D9UB24wsbM3zx7QMx)
3. [*https://www.youtube.com/watch?v=QKfk7YFILws*](https://www.youtube.com/watch?v=QKfk7YFILws)

*PS:* If you are good at Hindi language then you can check out the playlist below

1. [*https://www.youtube.com/playlist?list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV\_*](https://www.youtube.com/playlist?list=PLxCzCOWd7aiGFBD2-2joCpWOLUrDLvVV_)

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. [*https://drive.google.com/file/d/1tnF2gOcPSevFiqOH0f5J49gpvw\_CVUvi/view?usp=sharing*](https://drive.google.com/file/d/1tnF2gOcPSevFiqOH0f5J49gpvw_CVUvi/view?usp=sharing)
2. [*https://drive.google.com/file/d/1sC870RdDGhLsi1QMami8DsXqF5mEpuUr/view?usp=sharing*](https://drive.google.com/file/d/1sC870RdDGhLsi1QMami8DsXqF5mEpuUr/view?usp=sharing)
3. [*https://tushars.xyz/data/cn.html*](https://tushars.xyz/data/cn.html)

ROAD MAP FOR COMPUTER NETWORKS:

1. [*https://whimsical.com/networking-cheatsheet-by-love-babbar-FcLExFDezehhfsbDPfZDBv*](https://whimsical.com/networking-cheatsheet-by-love-babbar-FcLExFDezehhfsbDPfZDBv)

PS: Computer Networks is not that important topic for most of technical interviews but for companies like **UBER, CISCO, IBM,** and other Companies which are mainly in networking domain does asks questions from these topics so it’s better to have a look at once.

**System Design Resources:**

YOUTUBE PLAYLIST VIDEOS:

1. <https://www.youtube.com/playlist?list=PLMCXHnjXnTnvo6alSjVkgxV-VH6EPyvoX>

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. <https://drive.google.com/file/d/11deFafHxbjaicANtvM0-_Ahn_s1hksS9/view?usp=sharing>

PRACTICE SYSTEM DESIGN:

1. <https://www.codingninjas.com/codestudio/guided-paths/system-design>

PS: In system design only **low-level system design** will be asked for a fresher in technical interviews. In depth questions will not be asked and the questions on low level system design is also asked only in few interviews like **GOOGLE, CODENATION** etc.

All resources of core CSE subjects will be available in the below link we will keep updating this link frequently if we find any of the best resources so kindly, check it regularly

<https://drive.google.com/drive/folders/1P6dChK1U49x7aVPiQ4r7cn_dEbn4mjE0?usp=sharing>

**RESOURCES FOR PUZZLES ASKED IN TECHNICAL INTERVIEW:**

[*https://www.geeksforgeeks.org/puzzles/*](https://www.geeksforgeeks.org/puzzles/)

PS: All most the puzzles asked in the interview will be some how directly or indirectly connected with the puzzles available on **geeks for geeks**. therefore, it is recommended to have a look at all the puzzles before going for an interview.

***Resources for DATA STRUCTURES AND ALGORITHMS:***

GUIDANCE DOCS TO MASTER DSA

1. ARRAYS AND STRINGS

<https://dynalist.io/d/f8y9_YRZW6Kt5-hLfqkW3kDS>

1. RECURSION AND BACKTRACING

<https://dynalist.io/d/LoGwqWPmqCT3IoPxJqV2SlZp>

1. LINKED LISTS

<https://dynalist.io/d/5SccLds9RQxoDmuzkuCRE2ki>

1. STACKS AND QUEUES

<https://dynalist.io/d/KP-LQr-MrmKu1JdGKwOmeldz>

1. GRAPHS

<https://dynalist.io/d/s_rF6jbfCEbqLFmkA_NMC90s>

1. TREES

<https://dynalist.io/d/8JunO-H3ZxPg9wDul58ouDMS>

1. DYNAMIC PROGRAMMING

<https://dynalist.io/d/FAnK1zgptw2q1G-QW1E9xq5i>

1. SPACE AND TIME COMPLEXITY

<https://www.youtube.com/watch?v=D6xkbGLQesk&t=1766s>

*where exactly we use data structures and algorithms in real life applications?*

1. [*https://www.youtube.com/watch?v=d\_XvFOkQz5k&t=2s*](https://www.youtube.com/watch?v=d_XvFOkQz5k&t=2s)
2. [*https://www.youtube.com/watch?v=PoxdkCSsD3A*](https://www.youtube.com/watch?v=PoxdkCSsD3A)
3. [*https://www.youtube.com/watch?v=HIhUth39bss*](https://www.youtube.com/watch?v=HIhUth39bss)
4. [*https://www.youtube.com/watch?v=NzUVn8Y9deQ*](https://www.youtube.com/watch?v=NzUVn8Y9deQ)

*Udemy best courses for DSA download links*

1. *Using c/c++*

[*https://freecoursesite.com/1-mastering-data-structures-algorithms-using-c-and-c/*](https://freecoursesite.com/1-mastering-data-structures-algorithms-using-c-and-c/)

1. *Using java*

[*https://freecoursesite.com/1-data-structures-and-algorithms-in-java/*](https://freecoursesite.com/1-data-structures-and-algorithms-in-java/)

PS: The above links can be downloaded using **uTorrent.**

How to use **leetcode/interview bit** for practicing data structures and algorithms?

1. [*https://www.youtube.com/watch?v=nk2cOP\_bCJw*](https://www.youtube.com/watch?v=nk2cOP_bCJw)
2. [*https://www.youtube.com/watch?v=q15JgVVLXQg&t=276s*](https://www.youtube.com/watch?v=q15JgVVLXQg&t=276s)

YOUTUBE PLAYLIST VIDEOS:

1. [*https://www.youtube.com/playlist?list=PLdo5W4Nhv31bbKJzrsKfMpo\_grxuLl8LU*](https://www.youtube.com/playlist?list=PLdo5W4Nhv31bbKJzrsKfMpo_grxuLl8LU)
2. [*https://www.youtube.com/playlist?list=PLDN4rrl48XKpZkf03iYFl-O29szjTrs\_O*](https://www.youtube.com/playlist?list=PLDN4rrl48XKpZkf03iYFl-O29szjTrs_O)
3. [*https://www.youtube.com/playlist?list=PLIY8eNdw5tW\_zX3OCzX7NJ8bL1p6pWfgG*](https://www.youtube.com/playlist?list=PLIY8eNdw5tW_zX3OCzX7NJ8bL1p6pWfgG)
4. [*https://www.youtube.com/user/mycodeschool/playlist*](https://www.youtube.com/user/mycodeschool/playlist)

PS: If you are comfortable in Hindi language you can check out the below playlist

1. [*https://www.youtube.com/c/AdityaVermaTheProgrammingLord/playlists*](https://www.youtube.com/c/AdityaVermaTheProgrammingLord/playlists)

*\*The dynamic programming playlist of Aditya Verma sir is best*

*2.*[*https://www.youtube.com/playlist?list=PLfqMhTWNBTe0b2nM6JHVCnAkhQRGiZMSJ*](https://www.youtube.com/playlist?list=PLfqMhTWNBTe0b2nM6JHVCnAkhQRGiZMSJ)

*3.*[*https://www.youtube.com/c/takeUforward/playlists?view=1&sort=dd&shelf\_id=0*](https://www.youtube.com/c/takeUforward/playlists?view=1&sort=dd&shelf_id=0)

*\* You can also find his own SDE sheet which is very good for data structures and algorithms*

[*https://drive.google.com/file/d/1GYCuX8Q3-y0be\_CvuKXiCaQGoWkyTb3L/view?usp=sharing*](https://drive.google.com/file/d/1GYCuX8Q3-y0be_CvuKXiCaQGoWkyTb3L/view?usp=sharing)

*4.*[*https://www.youtube.com/c/LeadCoding/playlists?view=1&sort=dd&shelf\_id=0*](https://www.youtube.com/c/LeadCoding/playlists?view=1&sort=dd&shelf_id=0)

*\* You can also find solutions for leetcode problems on this channel*

*5.* [*https://www.youtube.com/c/TECHDOSE4u/playlists*](https://www.youtube.com/c/TECHDOSE4u/playlists)

*6.*[*https://www.youtube.com/c/Pepcoding/playlists?view=1&sort=dd&shelf\_id=0*](https://www.youtube.com/c/Pepcoding/playlists?view=1&sort=dd&shelf_id=0)

*\*If you are learning to implement data structures in java then this channel would be a great choice even if you are implementing in any language then also this channel can help you a lot.*

*7.*[*https://www.youtube.com/playlist?list=PLu0W\_9lII9ahIappRPN0MCAgtOu3lQjQi*](https://www.youtube.com/playlist?list=PLu0W_9lII9ahIappRPN0MCAgtOu3lQjQi)

*\* This channel would be great for clearing DSA basics.*

ONLINE BOOKS OR DOCUMENTATION RESOURCES

1. *SHORT NOTES DSA*

[*https://drive.google.com/drive/folders/1Kxb06cm4AGVRtjwQIov-lPBAPW7R2oMJ?usp=sharing*](https://drive.google.com/drive/folders/1Kxb06cm4AGVRtjwQIov-lPBAPW7R2oMJ?usp=sharing)

1. *PRACTICE QUESTIONS LIST*

[*https://drive.google.com/drive/folders/1eJ9\_5KleZXqwYKtV8kxZn2ekL64cJLQZ?usp=sharing*](https://drive.google.com/drive/folders/1eJ9_5KleZXqwYKtV8kxZn2ekL64cJLQZ?usp=sharing)

1. *COMPANY WISE LEETCODE QUESTIONS*

[*https://drive.google.com/drive/folders/1qp6f2r2rZUoQjvVFH-il0\_1ZxaUxIndi?usp=sharing*](https://drive.google.com/drive/folders/1qp6f2r2rZUoQjvVFH-il0_1ZxaUxIndi?usp=sharing)

*PS: enter the question tag in search bar in leetcode practice section to find the question.*

1. [*https://docs.google.com/spreadsheets/d/1YCR9RxE9kbIt3NDX4Aja-fzi9S0FJQd4/edit#gid=1172496449*](https://docs.google.com/spreadsheets/d/1YCR9RxE9kbIt3NDX4Aja-fzi9S0FJQd4/edit#gid=1172496449)

*PS: The above is* ***an DSA sheet*** *which contains almost* ***450 problems*** *sorted topic wise and based on difficulty level we also sorted the list in such an order so that it can implement problem solving ability. Therefore, its our sincere advice to solve list right from start and solve each question do not skip any question and solve in the same order we have sorted for each topic.*

1. [*https://docs.google.com/spreadsheets/u/2/d/121M91jtnXDfTr6gpARZqwJUAd6ILL4eA/edit?usp=drive\_web&ouid=113795840723764942051&rtpof=true*](https://docs.google.com/spreadsheets/u/2/d/121M91jtnXDfTr6gpARZqwJUAd6ILL4eA/edit?usp=drive_web&ouid=113795840723764942051&rtpof=true)

*PS: This is an DSA Sheet sorted both topic wise and ALGORITHM wise. Questions may have repeated from previous sheet, therefore solve this sheet accordingly.*

*We have provided both the sheets so that maximum variety of questions from each topic and algorithm can be covered.*

1. [*https://drive.google.com/file/d/1BCY26vsGEmOGNH178OY\_dhLMXZlEK8F0/view?usp=sharing*](https://drive.google.com/file/d/1BCY26vsGEmOGNH178OY_dhLMXZlEK8F0/view?usp=sharing)
2. [*https://www.codechef.com/certification/data-structures-and-algorithms/prepare*](https://www.codechef.com/certification/data-structures-and-algorithms/prepare)

*few websites where we can practice DSA?*

1. [*https://practice.geeksforgeeks.org/explore/?company%5B%5D=Amazon&problemType=functional&page=1&sortBy=submissions&company%5B%5D=Amazon*](https://practice.geeksforgeeks.org/explore/?company%5B%5D=Amazon&problemType=functional&page=1&sortBy=submissions&company%5B%5D=Amazon)
2. [*https://leetcode.com/*](https://leetcode.com/)
3. [*https://www.interviewbit.com/practice/*](https://www.interviewbit.com/practice/)
4. [*https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms*](https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms)
5. [*https://www.codingninjas.com/codestudio/guided-paths/interview-guide-for-product-based-companies*](https://www.codingninjas.com/codestudio/guided-paths/interview-guide-for-product-based-companies)

*PS: Recommended platform for practicing DSA will be either* ***Geeks for Geeks / Leetcode****.*

*Entire Resources regarding* ***DSA*** *will be available in this google drive:*[*https://drive.google.com/file/d/1GYCuX8Q3-y0be\_CvuKXiCaQGoWkyTb3L/view?usp=sharing*](https://drive.google.com/file/d/1GYCuX8Q3-y0be_CvuKXiCaQGoWkyTb3L/view?usp=sharing)

*\*We will be updating this drive link frequently, if we find any good or better resource, so kindly check this drive regularly.*

***CODING BOOKS***

RESOURCES FOR CODING BOOKS

1. <https://drive.google.com/drive/u/2/folders/1zk1jMV4KRz3wvhqFBnQrRYX3bprzcqTx>

*PS: all the coding books will be available in this pdf by clicking the link you can download books*

**PROJECTS RESOURCES:**For getting a brief overview of projects kindly watch the video below:

1. <https://www.youtube.com/watch?v=YZLCwNjh16w&t=1741s>

PS: Here we will provide all the Udemy links of courses which can be downloaded using **uTorrent** from there you can learn skills and develop your own projects. Almost in all the courses you will be doing a project side by side by the instructor to get an overview.

ALL THE BOOKS FOR THIS PROJECTS WILL BE AVILABLE IN CODING BOOKS PDF YOU CAN CHECK THERE.

***GIT/GITHUB:***

If you want to know what exactly is Git/GitHub kindly watch this video:

1. <https://www.youtube.com/watch?v=OdbBmvfThJY>

UDEMY LINKS:

1. [*https://freecoursesite.com/the-git-github-bootcamp/?\_\_cf\_chl\_jschl\_tk\_\_=pmd\_9c03ee69e8364f3abbd4685486b441876a26da1c-1627034623-0-gqNtZGzNAeKjcnBszQgO*](https://freecoursesite.com/the-git-github-bootcamp/?__cf_chl_jschl_tk__=pmd_9c03ee69e8364f3abbd4685486b441876a26da1c-1627034623-0-gqNtZGzNAeKjcnBszQgO)
2. [*https://freecoursesites.com/master-git-github-expert-course/*](https://freecoursesites.com/master-git-github-expert-course/)

PS: GIT/GITHUB is worlds most popular version control system so its great and a must skill to be learnt if we want to enter into software field.

***WEB DEVELOPMENT:***

*Roadmap:*

1. [*https://github.com/kamranahmedse/developer-roadmap*](https://github.com/kamranahmedse/developer-roadmap)
2. [*https://www.youtube.com/watch?v=Gzu7D6PvxXY*](https://www.youtube.com/watch?v=Gzu7D6PvxXY)

*\*This is an awesome webinar where you can get complete guide about full stack web development.*

UDEMY LINKS:

**UI/UX Design:**

1. <https://freecoursewebsite.com/complete-web-mobile-designer-in-2021-ui-ux-figma-more-free-download/>
2. <https://downloadly.net/2020/01/20029/09/master-digital-product-design-ux-research-ui-design/20/?#/20029-udemy-072101071527.html>

**Full stack developer courses:**

1. [*https://freecoursesite.com/the-web-developer-bootcamp-15/*](https://freecoursesite.com/the-web-developer-bootcamp-15/)
2. [*https://www.udemy.com/course/the-complete-web-development-bootcamp/*](https://www.udemy.com/course/the-complete-web-development-bootcamp/)

***Front end developer courses:***

1. [*https://rethmic.com/course/front-end-web-development-bootcamp-build-a-twitter-clone-0503-direct-free-download*](https://rethmic.com/course/front-end-web-development-bootcamp-build-a-twitter-clone-0503-direct-free-download)

***Back-end development using JavaScript courses:***

1. [*https://freecoursesite.com/node-js-express-mongodb-more-the-complete-bootcamp/*](https://freecoursesite.com/node-js-express-mongodb-more-the-complete-bootcamp/)

***Back-end development using java courses:***

1. [*https://freecoursesite.pro/development/spring-hibernate-for-beginners-includes-spring-boot/*](https://freecoursesite.pro/development/spring-hibernate-for-beginners-includes-spring-boot/)

***Back-end development using python courses:***

1. [*https://freecoursesite.com/python-django-the-practical-guide/*](https://freecoursesite.com/python-django-the-practical-guide/)

PROJECT IDEAS:

1. [*https://www.youtube.com/watch?v=emCnlByM6rQ*](https://www.youtube.com/watch?v=emCnlByM6rQ)
2. [*https://www.youtube.com/watch?v=1rsuxwVD98I*](https://www.youtube.com/watch?v=1rsuxwVD98I)
3. [*https://www.youtube.com/watch?v=fLRs8STMIkg*](https://www.youtube.com/watch?v=fLRs8STMIkg)

**ANDROID DEVELOPMENT:**

*ROADMAP:*

1. [*https://www.youtube.com/watch?v=qCJxBvvULDk*](https://www.youtube.com/watch?v=qCJxBvvULDk)
2. [*https://www.youtube.com/watch?v=RSgGKa0vP84*](https://www.youtube.com/watch?v=RSgGKa0vP84)

*UDEMY LINKS*

**Using JAVA:**

1. [*https://freecoursesite.com/android-java-masterclass-become-an-app-developer-1/?\_\_cf\_chl\_jschl\_tk\_\_=pmd\_1baf49a35498471ff790248cb43c811d09065f3f-1627036468-0-gqNtZGzNAg2jcnBszQu6*](https://freecoursesite.com/android-java-masterclass-become-an-app-developer-1/?__cf_chl_jschl_tk__=pmd_1baf49a35498471ff790248cb43c811d09065f3f-1627036468-0-gqNtZGzNAg2jcnBszQu6)

**Using KOTLIN:**

1. [*https://freecoursewebsite.com/the-complete-android-10-kotlin-development-masterclass-free-download/*](https://freecoursewebsite.com/the-complete-android-10-kotlin-development-masterclass-free-download/)
2. [*https://freecoursesites.net/the-complete-android-oreo-developer-course-build-23-apps/*](https://freecoursesites.net/the-complete-android-oreo-developer-course-build-23-apps/)

PROJECT IDEAS:

1. [*https://www.youtube.com/watch?v=uPEflEXJec4*](https://www.youtube.com/watch?v=uPEflEXJec4)
2. [*https://www.youtube.com/watch?v=fNyKZRgmrHU*](https://www.youtube.com/watch?v=fNyKZRgmrHU)

**IOS APP DEVELOPMENT:**

ROAD MAP:

1. <https://www.reddit.com/r/iOSProgramming/comments/82w6qa/2018_roadmap_to_ios_development/>
2. <https://www.youtube.com/watch?v=pbhLZMVBlp0>

UDEMY LINKS:

1. <https://freecoursewebsite.com/ios-11-swift-4-the-complete-ios-app-development-bootcamp-free-download/>
2. <https://freecoursesite.com/ios-11-swift-4-from-beginner-to-paid-professional/>

**WHAT IS AN API?**  
1. <https://www.youtube.com/watch?v=Yzx7ihtCGBs>

2.<https://www.youtube.com/watch?v=XGa4onZP66Q>

\*If you are comfortable in Hindi watch above video to get an overview about an API

API’S FOR APPS AND WEBSITE DEVELOPMENT

1. <https://github.com/public-apis/public-apis>

**MACHINE LEARNING:**

*Roadmap:*

1. [*https://whimsical.com/machine-learning-roadmap-2020-CA7f3ykvXpnJ9Az32vYXva*](https://whimsical.com/machine-learning-roadmap-2020-CA7f3ykvXpnJ9Az32vYXva)
2. [*https://github.com/mrdbourke/machine-learning-roadmap*](https://github.com/mrdbourke/machine-learning-roadmap)

*resources pdf:*

1. [*https://drive.google.com/file/d/19puB923cXztb6XPgkckeeOJXjmkZY--p/view?usp=sharing*](https://drive.google.com/file/d/19puB923cXztb6XPgkckeeOJXjmkZY--p/view?usp=sharing)

*UDEMY LINKS*:

1. [*https://freecoursesite.com/machine-learning-a-z-hands-on-python-r-in-data-science-30/?\_\_cf\_chl\_jschl\_tk\_\_=pmd\_bd424a2223194c72acdb6f7c5aaab1eab8ff1c03-1627038416-0-gqNtZGzNAiKjcnBszQlO*](https://freecoursesite.com/machine-learning-a-z-hands-on-python-r-in-data-science-30/?__cf_chl_jschl_tk__=pmd_bd424a2223194c72acdb6f7c5aaab1eab8ff1c03-1627038416-0-gqNtZGzNAiKjcnBszQlO)
2. [*https://freecoursesite.com/complete-machine-learning-and-data-science-zero-to-mastery/*](https://freecoursesite.com/complete-machine-learning-and-data-science-zero-to-mastery/)

PROJECT IDEAS:

1. [*https://www.youtube.com/watch?v=sj1-OO5AGmc*](https://www.youtube.com/watch?v=sj1-OO5AGmc)
2. [*https://www.youtube.com/watch?v=tTijEvJqTzI*](https://www.youtube.com/watch?v=tTijEvJqTzI)

**ARTIFICIAL INTELLIGENCE:**

*Roadmap:*

1. [*https://www.youtube.com/watch?v=bZwpXEgG0to*](https://www.youtube.com/watch?v=bZwpXEgG0to)

*UDEMY LINKS*:

1. [*https://freecoursesite.com/artificial-intelligence-masterclass/*](https://freecoursesite.com/artificial-intelligence-masterclass/)
2. [*https://www.udemy.com/course/artificial-intelligence-az/*](https://www.udemy.com/course/artificial-intelligence-az/)

PROJECT IDEAS:

1. [*https://www.youtube.com/watch?v=Af61SygTVFs*](https://www.youtube.com/watch?v=Af61SygTVFs)

**DATA SCIENCE:**

*Roadmap:*

1. [*https://whimsical.com/machine-learning-roadmap-2020-CA7f3ykvXpnJ9Az32vYXva*](https://whimsical.com/machine-learning-roadmap-2020-CA7f3ykvXpnJ9Az32vYXva)

*UDEMY LINKS*:

1. <https://freecoursesite.com/tag/data-science-bootcamp-2021/>
2. <https://freecoursesite.com/data-science-a-z-real-life-data-science-exercises-included-4/>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=h1r9NnQDJfo>

**DEEP LEARNING AND NEURAL NETWORKS:**

Roadmap:

1. <https://drive.google.com/file/d/18deF9n2XY4MymPJlOSH2KPmWIG8QZWUX/view?usp=sharing>
2. <https://github.com/dformoso/deeplearning-mindmap>

*UDEMY LINKS*:

1. <https://freecoursesite.com/deep-learning-a-z-hands-on-artificial-neural-networks-9/>
2. <https://freecoursesite.com/deep-learning-convolutional-neural-networks-in-python/>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=N082bM72byY>
2. <https://www.youtube.com/watch?v=09hTTPYV3Jg>

**CLOUD COMPUTING:**

*UDEMY LINKS*:

1. <https://downloadly.net/2020/09/18369/08/distributed-systems-cloud-computing-with-java/12/?#/18369-udemy-162111071023.html>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=yWwipnIYrIo>

**BLOCKCHAIN:**

Roadmap:

1. <https://www.dappuniversity.com/articles/blockchain-developer>

UDEMY LINKS:

1. <https://freecoursesite.com/1-blockchain-a-z-learn-how-to-build-your-first-blockchain/?__cf_chl_jschl_tk__=pmd_b849c9ba0c66b69fe2bc4f4e45a02cb690d48041-1627040755-0-gqNtZGzNAiKjcnBszQlO>
2. <https://freecoursesite.com/ethereum-and-solidity-the-complete-developers-guide-1/>
3. <https://freecoursesite.com/ethereum-developer-masterclass-build-real-world-projects/?__cf_chl_jschl_tk__=pmd_0d1b5e02e13fd82ab7eb3c0ee9b5ec167c1afe60-1627351880-0-gqNtZGzNAg2jcnBszQgO>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=dfC-E2ntGTE>
2. <https://www.youtube.com/watch?v=5lFuIUUqcng>

**CRYPTOGRAPHY:**

UDEMY LINKS:

1. <https://freecoursesite.com/cryptography-from-scratch-master-cryptography-in-java/>
2. <https://rethmic.com/course/master-modern-security-and-cryptography-by-coding-in-python-0503-direct-free-download>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=kGt9hHoybFg>

**INTERNET OF THINGS:**

COURSERA LINKS:

1. <https://www.coursera.org/programs/13f17ff0-5929-4f5b-abce-bb5da5207cd1/browse?productId=1vtw10eVEeWhbQ5OIdVP3w&productType=s12n&query=internet+of+things&showMiniModal=true>

\*This is a course on coursera even though its paid you can audit this course for free to learn internet of things.

Kindly watch this video how to audit a course on coursera

<https://www.youtube.com/watch?v=tGolDIB0UZI>

<https://www.youtube.com/watch?v=jF376JXDKCo>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=N_z4OaSuoAA>
2. <https://www.youtube.com/watch?v=bsycx2zbCxA>

**DevOPS:**

ROADMAP:

1. <https://github.com/kamranahmedse/developer-roadmap/blob/master/README.md>

UDEMY LINKS:

1. <https://freecoursesite.com/learn-devops-the-complete-kubernetes-course-5/>
2. <https://freecoursesite.com/docker-for-the-absolute-beginner-hands-on-devops-12/>

PROJECT IDEAS:

1. <https://www.youtube.com/watch?v=PwSZpcl7vUE>
2. <https://www.youtube.com/watch?v=qEKZLZYwO9o>
3. <https://www.youtube.com/watch?v=EXdmo4OoB4Q>

**INTERNSHIPS:**

1. **What are the resources we can follow for get notified about internships?**

The sources on which we can rely upon are:

1. LinkedIn
2. Students from various NITS AND IITS
3. YouTube channels that notify us about off campus internship opportunities
4. Career pages of various top companies
5. Codeathons and hackathons that happen on HACKERANK AND HACKEREARTH PLATFORMS
6. INTERNSHALA WEBSITE

<https://internshala.com/>

1. Websites like <https://angel.co/>,<https://www.naukri.com/>, <https://www.offcampusjobs4u.com/>
2. Following Placement cell pages of various nits and iits on Instagram or in any other social media platform
3. **HOW CAN WE USE LINKEDIN FOR INTERNSHIPS...?**
4. We can follow recruiters of every mncs or follow their employees on LinkedIn or else we can follow pages like 1.<https://www.linkedin.com/company/interngrow/> 2.<https://www.linkedin.com/company/opportunitycell/>
5. We can also follow YouTube influencers like 1.<https://www.linkedin.com/in/arshgoyal/> 2.<https://www.linkedin.com/in/chaharnishant11/> 3.<https://www.linkedin.com/in/guptanikita16/>

**what are the YouTube channels that provide us information about off campus internship opportunities?**

1. Apna College

[https://www.youtube.com/channel/UCBwmMxybNva6P\_5](https://www.youtube.com/channel/UCBwmMxybNva6P_5VmxjzwqA) [VmxjzwqA](https://www.youtube.com/channel/UCBwmMxybNva6P_5VmxjzwqA)

1. Anuj Bhaiya

<https://www.youtube.com/channel/UC58_wzhvJta3hDSPvRLDAqg>

3.The Code Skool

[https://www.youtube.com/channel/UCnTwsAoq](https://www.youtube.com/channel/UCnTwsAoqgyDVe5hxOmbMOiw) [gyDVe5hxOmbMOiw](https://www.youtube.com/channel/UCnTwsAoqgyDVe5hxOmbMOiw)

1. Nishant Chahar

[https://www.youtube.com/channel/UCVe8CMJF4caRzuck](https://www.youtube.com/channel/UCVe8CMJF4caRzuckVYV8CaQ) [VYV8CaQ](https://www.youtube.com/channel/UCVe8CMJF4caRzuckVYV8CaQ)

1. Anshika Gupta

[https://www.youtube.com/channel/UCXiFvBv-DKqGdB8Oa](https://www.youtube.com/channel/UCXiFvBv-DKqGdB8Oaz5fJ1A) [z5fJ1A](https://www.youtube.com/channel/UCXiFvBv-DKqGdB8Oaz5fJ1A)

1. Love Babbar

[https://www.youtube.com/channel/UCQHLxxBFrbfdrk1jF0](https://www.youtube.com/channel/UCQHLxxBFrbfdrk1jF0moTpw) [moTpw](https://www.youtube.com/channel/UCQHLxxBFrbfdrk1jF0moTpw)

7.E-Learning Bridge

[https://www.youtube.com/channel/UCBGcs9XTL5U34oaS](https://www.youtube.com/channel/UCBGcs9XTL5U34oaSn_AsHqw) [n\_AsHqw](https://www.youtube.com/channel/UCBGcs9XTL5U34oaSn_AsHqw)

1. Khushboo Goel

[https://www.youtube.com/channel/UCT62K6r-FfR-72X9AV](https://www.youtube.com/channel/UCT62K6r-FfR-72X9AVBiTSQ) [BiTSQ](https://www.youtube.com/channel/UCT62K6r-FfR-72X9AVBiTSQ)

1. Arsh Goyal

<https://www.youtube.com/user/ARSHG1998>

10. Coding Ninjas

[https://www.youtube.com/channel/UCZJlMUYdbtzQ8tVfL](https://www.youtube.com/channel/UCZJlMUYdbtzQ8tVfLvK1KvQ) [vK1KvQ](https://www.youtube.com/channel/UCZJlMUYdbtzQ8tVfLvK1KvQ)

1. Aman Dhattarwal

[https://www.youtube.com/channel/UCmXZxX\_qexEZxhb5](https://www.youtube.com/channel/UCmXZxX_qexEZxhb5_vQKPCw)

[\_vQKPCw](https://www.youtube.com/channel/UCmXZxX_qexEZxhb5_vQKPCw)

# Get Saged

[https://www.youtube.com/channel/UCGuJC8U8zMOpvKd](https://www.youtube.com/channel/UCGuJC8U8zMOpvKdYPsh1M2Q) [YPsh1M2Q](https://www.youtube.com/channel/UCGuJC8U8zMOpvKdYPsh1M2Q)

1. Striver

[https://www.youtube.com/channel/UCvEKHATlVq84hm1j](https://www.youtube.com/channel/UCvEKHATlVq84hm1jduTYm8g) [duTYm8g](https://www.youtube.com/channel/UCvEKHATlVq84hm1jduTYm8g)

1. Ishan Sharma

[https://www.youtube.com/channel/UCY6N8zZhs2V7gNTU](https://www.youtube.com/channel/UCY6N8zZhs2V7gNTUxPuKWoQ) [xPuKWoQ](https://www.youtube.com/channel/UCY6N8zZhs2V7gNTUxPuKWoQ)

1. Savage Programmer

[https://www.youtube.com/channel/UCOZMPD9TMk0C4yi](https://www.youtube.com/channel/UCOZMPD9TMk0C4yipWBaPZ7w) [pWBaPZ7w](https://www.youtube.com/channel/UCOZMPD9TMk0C4yipWBaPZ7w)

1. Code for Cause

[https://www.youtube.com/channel/UCfv8cds8AfIM3UZtA](https://www.youtube.com/channel/UCfv8cds8AfIM3UZtAWOz6Gg) [WOz6Gg](https://www.youtube.com/channel/UCfv8cds8AfIM3UZtAWOz6Gg)

1. Tricky Man

<https://www.youtube.com/channel/UCBm0hPI-ykEloE6c8Tf15Vw>

18.Seed IT Solution

[https://www.youtube.com/channel/UCNr\_dWKxRanxFUe3](https://www.youtube.com/channel/UCNr_dWKxRanxFUe3Gcr2NOQ) [Gcr2NOQ](https://www.youtube.com/channel/UCNr_dWKxRanxFUe3Gcr2NOQ)

# Be a Programmer

[https://www.youtube.com/channel/UC5w5J49tzBvSwmO](https://www.youtube.com/channel/UC5w5J49tzBvSwmOowwBJ-eA) [owwBJ-eA](https://www.youtube.com/channel/UC5w5J49tzBvSwmOowwBJ-eA)

# Pappu Career Guide

[https://www.youtube.com/channel/UCgCNFoWWPXcoVr5](https://www.youtube.com/channel/UCgCNFoWWPXcoVr5xNesnVbQ) [xNesnVbQ](https://www.youtube.com/channel/UCgCNFoWWPXcoVr5xNesnVbQ)

1. Online Learning [https://www.youtube.com/channel/UCcyogDO\_](https://www.youtube.com/channel/UCcyogDO_BD5HS7YlySkTELQ) [BD5HS7YlySkTELQ](https://www.youtube.com/channel/UCcyogDO_BD5HS7YlySkTELQ)
2. Aditya Rajiv

[https://www.youtube.com/channel/UCDE2tF6E\_isqQRJ0Cl](https://www.youtube.com/channel/UCDE2tF6E_isqQRJ0ClqnTkg) [qnTkg](https://www.youtube.com/channel/UCDE2tF6E_isqQRJ0ClqnTkg)

23. Prep Insta

<https://www.youtube.com/channel/UCVgOWXEyCmRPEVEerK_49Fw>

**3.HOW, CAN WE FOLLOW CAREER PAGES OF TOP MNCS?**

I have a general hiring calendar which will be given

below we have to make sure that we have to look after these career pages from 2 months prior to month mentioned here

HIRING CALENDAR

|  |  |  |
| --- | --- | --- |
| S.no | Company name | Month where it starts hiring  (Most likely) |
| 1 | American Express(intern) | oct |
| 2 | Expedia | January, |
| 3 | Infosys | march/April, |
| 4 | TCS | April, |
| 5 | Microsoft | April/July |
| 6 | Sahaj | August/sept |

|  |  |  |
| --- | --- | --- |
| 7 | BuyHatke | August/sept |
| 8 | Google | august/September |
| 9 | NCR | September |
| 10 | Amazon(intern) | September |
| 11 | HIS | October |
| 12 | Zeta (Intern) | November |
| 13 | BrowserStack | November |
| 14 | Hackerrank (Intern) | November |
| 15 | Cisco (Intern) | November |
| 16 | D.E. Shaw (FTE) | October/November |
| 17 | Salesforce | Oct/Nov |
| 18 | Dunzo(Intern) | Nov |
| 19 | Factset | December |

|  |  |  |
| --- | --- | --- |
| 20 | Coding Ninja | December |
| 21 | Media.net (Intern + FTE) | January |
| 22 | Yellow messenger | Jan |
| 23 | Geeksforgeeks | January |
| 24 | Codenation | January |

|  |  |  |
| --- | --- | --- |
| 25 | JP Morgan | January |
| 26 | Quora | January |
| 27 | Goldman Sachs | January |
| 28 | Bharat pe (Intern) | Jan |
| 28 | Gameskraft | February |
| 30 | Databricks | March |
| 31 | Apptio | March |
| 32 | Bytedance | March |
| 33 | Innovaccer | April |
| 34 | Cadence | April |
| 35 | Semut.io | April |
| 36 | Hike | April |
| 37 | ServiceNow | April |
| 38 | Sprinklr | April |
| 39 | Tower Research | April |

|  |  |  |
| --- | --- | --- |
| 40 | Hotstar | may |
| 41 | Myntra | may |
| 42 | Paypal | Sept |

This calendar is completely tentative taken from various sources: LinkedIn, YouTube and various websites

**GATE LECTURES FOR CSE COURSE:**

1. <https://mega.nz/folder/AV50wQqT#uQjuHttwYI6lvxcClb2Qtg>

\*Entire gate syllabus is covered in it that too by top faculty..

**WOMEN IN TECH PROGRAMMES FOR INTERNSHIPS 2ND AND 3RD YEARS:**

1. <https://www.youtube.com/results?search_query=women+in+tech+programmes>

\*In this video you can get an overview of what programmes opens internships for 2nd and 3rd year female students.

Very important video have a look at it.

**WHAT EXACTLY ARE OPEN-SOURCE CONTRIBUTIONS?**  
1. <https://www.youtube.com/watch?v=Y5HIJeR9hk0>

YOUTUBE CHANNEL:

1. <https://www.youtube.com/channel/UCfv8cds8AfIM3UZtAWOz6Gg>

\*This channel provides some great knowledge about open-source community. You can also find videos related to GSOC here in this channel.

**ENTIRE PLACEMENT DETAILS AND FOLDERS WILL BE AVAILABLE IN THIS GOOGLE DRIVE:**

<https://drive.google.com/drive/folders/1nbWx9t4Rlftbj5FxPUKCnFQiy41yVI3z?usp=sharing>