

INTERNSHIPS IMPORTANT INFO

1. Two Types of Internship Provided in Banasthali : **2 months and 6 months.**
2. 2 months or Summer internship takes place from May to June after our third year.
3. 6 months internship in 7th semester for CSE and 8th semester for IT.
4. **Companies for 2 months internship start coming to the campus in the VERY STARTING OF THE 3RD YEAR**, i.e., from July or August.
5. **Companies for 6 months internship start coming to the campus in our 6th semester**, i.e., 2nd half of 3rd year.
6. 2 months internship Companies coming to our campus :-
 - Goldman Sachs
 - American Express
 - Flipkart
 - Oracle
 - Barclays
 - UBS
 - Google (for Data Technician role, it's not SWE role)
7. For 6 months, a list is shared with us and we have to choose any four companies and we are eligible to apply only for those companies.
8. Majority of the companies have a First Coding Round. Only if you clear it, you will be able to sit for the interview rounds. So you **have** to be good at coding.
9. So, as you may guess you have less than 1 YEAR left (for 2nd years). So, better start preparing ASAP.
10. Topics to be covered in the next 1 year by you all :-
 - One language (C++/Java),
 - Data Structures and Algorithms,
 - OOPS,
 - DBMS
 - Aptitude
 - OS and Networking (not necessary for INTERNSHIPS as such. They are very important topics for placements though).

CONNECT WITH YOUR SENIORS :)

1. [2024/2025 Juniors Unofficial \(Tele channel\)](#) : Ask any query from your seniors.
2. There are two separate telegram channels as well for 2024 and 2025 batches where **ONLY I(Sargam) can send y'all messages. Join it to be updated about opportunities as and when they are live.**
Ask your CRs for the link. Will send specific links only.

=> There is no other mode of communication as of now. Rest you can connect with us on LinkedIn.

CLUBS IN OUR COLLEGE

- You must try and join clubs either as participants of their events or as a team member.
- Being in close, personal contact with seniors will help you all along. Anytime that you need any suggestion or info, your seniors help you alot.

1. Google Developer Students Club (GDSC) BV

<https://www.linkedin.com/company/dsc-banasthali-vidyapith>

https://www.instagram.com/dsc_banasthalividyapith/?igshid=r5jdmygo8ych

2. IWSC

https://instagram.com/iwsc_banasthali?utm_medium=copy_link

<https://www.linkedin.com/company/inceptionwave>

3. Lean In BV (Most effective right now)

https://instagram.com/leanin_bv?utm_medium=copy_link

<https://www.linkedin.com/company/lean-in-banasthali-vidyapith>

4. Logos

https://instagram.com/logos_bv?utm_medium=copy_link

<https://www.linkedin.com/company/logosbv>

5. Corona

https://instagram.com/team_corona?utm_medium=copy_link

<https://www.linkedin.com/company/corona-imaginationtoinnovation>

6. Wappers CodeChef BV

<https://www.linkedin.com/company/codechef-banasthali-university-campus-chapter>

https://instagram.com/bu_coders?utm_medium=copy_link

7. HackerEarth BV

https://instagram.com/hackerearth.bv?utm_medium=copy_link

<https://www.linkedin.com/company/hackerearth-hub-banasthali-vidyapith>

8. Innovacation

https://instagram.com/team_innovacation?utm_medium=copy_link

<https://www.linkedin.com/company/innovacation>

9. Samarthya

<https://www.linkedin.com/company/samarthyateam>

https://instagram.com/team.samarthya?utm_medium=copy_link

DSA

STEP 1 -> Learn a Language (Preferably C++ or Java)

STEP 2 -> Learn basics of each Data structure and Algorithm

STEP 3 -> START PRACTISING on [Leetcode](#) (most recommended) or [Interviewbit](#) or [GFG](#)!!

1. [Playlist for C++](#)
2. [Basic DSA and implementation](#)
3. [Analysis of Algorithms Playlist](#)
4. [DSA Concepts and Questions](#)
5. [C++ Placement DSA Course \(Love Babbar\)](#)
6. [Recursion](#)
7. [Playlist for java](#)
8. [Peppcoding](#)
9. [Take U Forward](#)
10. [Dynamic Programming](#)

DSA SHEETS OF CURATED QUESTIONS FROM EACH TOPIC

1. [Love Babbar DSA Sheet](#)
2. [Striver's Sheet](#)
3. [Must Do Coding Questions on GFG](#)
4. On Leetcode, you can find two lists : Top 100 Liked Questions and Top 100 Interview Questions as one of the filters.

=> Once you have solved 25 to 30 questions on each topic from Leetcode or from InterviewBit AND you start feeling confident with DSA, move on to Competitive Programming.

=> **V.IMP: Solve questions on Leetcode in the ratio: 10 easy, 15 - 20 medium, 5 - 10 hard from each topic.**

CP (Competitive Programming)

Platforms:

1. [Codechef](#) (Recommended)

2. [Codeforces](#)

-> There are many more like SPOJ, AtCoder and all but these two are most popularly used. Online Resources (tutorials, etc.) are also better for these platforms.

=> [CODEFORCES A2OJ LADDERS](#) (amazing list for competitive coding, like you had for DSA)

OOPS

Books:

1. Object oriented programming with C++ - Balagurusamy
2. Computer Science with JAVA - Sumita Arora

DBMS

1. [Gate Smashers](#)
2. [Knowledge Gate](#)
3. [Asha Khilrani](#)

APTITUDE

Websites:

1. [India Bix](#)
2. [Geeks For Geeks Puzzles](#)
3. [Interview Bit Puzzles](#)
4. [SanFoundry](#) (for regular practice of MCQs on every subject and topic)

WEB DEVELOPMENT

- Must know Technologies in Web development : **HTML, CSS, Javascript.**
- After you are comfortable with HTML, CSS, Javascript you can learn React.js.
- There are other frameworks too like Vue and Angular. You can explore yourself or just start learning React as it is widely used and has a lot of scope.
- Next you can learn some backend technology like Nodejs or Django.

To Start with basics:

- 1.) [Code with Harry](#)
- 2.) [Apna College](#)
- 3.) [HTML, CSS, and Javascript for Web Developers](#) (you can audit the course for free and access all the lectures and resources)

Other Youtube Channels:

- 1.) [Thapa Technical](#)
- 2.) For learning Javascript : [Akshay Saini](#)
- 3.) [freeCodeCamp.org](#)
- 4.) [Traversy Media](#)

Courses:

- 1.) [The Web Developer Bootcamp 2021](#) - Udemy
- 2.) [The Complete React Fullstack Course\(2021 Edition\)](#) - Udemy
- 3.) [Front-End Web Development with React](#) - Coursera

Websites:

- 1.) [W3 Schools](#)
- 2.) [MDN Web Docs](#)
- 3.) [React Official Documentation](#)

APP DEVELOPMENT

- For **Native Android**, you must either learn **JAVA** or **KOTLIN**.
- For **Flutter**, basic knowledge of **DART** is required.
- For app development, an intermediate level of knowledge of **OOPS** will make it much easier for you to learn.

1. [FLUTTER FRAMEWORK COURSE BY ACADEMIND ON UDEMY](#)
(BEST ACCORDING TO ME! WAIT FOR ITS PRICE TO DROP TO AROUND 455 OR 500 INR).
2. [U4Universe YouTube Channel For Android Development](#)
3. [Android Playlist 1](#)
4. [Android Playlist 2](#)
5. [Android Playlist 3](#)
6. [Android Playlist 4](#)
7. [Android Playlist 5](#)
8. [Android Basics \(User Interface\) by Udacity](#)
9. You can find the Android training courses/certifications by Google [here](#).
10. You can also check out some Android courses on Udemy.

RESUME BUILDING

1. [NOVA RESUME](#) (Most popularly used by beginners)
 2. [OVERLEAF](#)
 3. [How to create a resume if there is nothing to write as such.](#)
 4. Make sure to have the [GITHUB](#) links to your projects on your resume (Mandatory).
 5. Must have a LinkedIn Profile Link as well on the top.
 6. Remember any achievements of yours from school days and make sure to mention it under the Achievements section. Even if it is not related to coding, mention it as right now you might not be having any other significant achievement.
- [Resume template 1](#)
 - [My altered version](#)
 - [Resume Template 2](#)

=> Do not mention anything you are not confident about or do not know.

TIPS AND EXPERIENCES

1. [Tips and tricks for the preparation of internships and interviews](#)
2. Make sure to check out the Interview [experiences of different people](#) before sitting for the interview of that particular company. It gives you an idea and the pattern of the interviews.
3. If you have any doubts regarding a particular concept or in a part of your program or are facing difficulties while debugging your code, you can always check out stackoverflow.com for a similar question which may have been posted earlier, or you can ask your own queries and get a well explained response soon.

=> OUR MEDIUM BLOGS ON OUR INTERVIEW EXPERIENCE

1. [Goldman Sachs by Sargam Agarwal](#)
2. [Goldman Sachs by Sindhuja Singh](#)
3. [American Express by Sneha Agarwal](#)
4. [American Express by Sakshi Saxena](#)
5. [Flipkart By Ayushma Sharma](#)
6. [Barclays By Anshika Srivastava](#)
7. [UBS By Nancy Agarwal](#)
8. [Google STEP Internship](#)

CONSIDER FOLLOWING AND CLAPPING IF IT HELPED :P