



# Aryan Verma

Roll No.: 190108060

B.Tech - Electronics and Electrical Engineering

Minor in Computer Science and Engineering

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	8.65 (Current)	2019 - Present
B.Tech. Minor	Indian Institute of Technology, Guwahati	8.5 (Current)	2020 - Present
Senior Secondary	CBSE Board	93.4%	2019
Secondary	CBSE Board	10.0	2017

## PROJECTS

- Quickmeet** *September 2020*  
*Personal Project* git.io/Jskw9  
 – Developed a video-text communication platform using NodeJS, WebRTC & Socket.io  
 – Supports rooms for video calling, text messaging, screen-sharing and a collaborative whiteboard.
- GraphyGo** *May 2021*  
*Group Project* git.io/Jskrl  
 – Developed an interactive website using ReactJS that helps visualise graph algorithms on custom graphs.  
 – Supports creating custom graphs by adding vertices and edges with mouse clicks or through text, visualisation of DFS, BFS, Shortest Path and MST.
- ReadMyBook** *June 2020*  
*Personal Project* git.io/Jskr7  
 – Developed a website using Django that acts as a repository of books owned by users and lets them borrow and lend books.  
 – Supports adding and deleting books, searching books by author and title, borrow request for available books, tracks status of lent or borrowed books.

## TECHNICAL SKILLS

- Programming:** C/C++, Python
- Operating Systems:** Windows, Linux\*
- Web Technologies:** HTML, CSS, JS, ReactJS, Django, NodeJS
- Database Management:** MySQL, MongoDB\*
- Miscellaneous:** Git, LaTeX \* Elementary proficiency

## KEY COURSES TAKEN

- Mathematics:** Real Analysis, Multivariate Calculus, Linear Algebra, Probability Theory & Random Processes
- Computer Science:** Data Structures & Algorithms, Theoretical Foundations of CS, Introduction to Computing

## ACHIEVEMENTS

- Competitive Programming:** Codeforces handle: oryon (maximum rating **1737**) and CodeChef handle: aryanv\_\_ (maximum rating **1898**),
- Google Hashcode Qualifications 2021:** Secured **AIR 296**, team name - ye bhi nahi hua .
- Google Kickstart Round C 2021:** Secured **AIR 310 (Global Rank 529)** among 10,000 participants.
- Department Change:** Switched department from Mechanical to EEE on the basis of merit.
- JEE 2019, Advanced:** Secured **All India Rank 2192** among 0.2 million candidates appearing for the test.
- JEE 2019, Mains:** Secured **99.67 Percentile** among 1.4 million candidates appearing for the test.

## POSITIONS OF RESPONSIBILITY

- Manager, Udgam 2021:** Helped organize the second edition of Product Management Expedition that had 450+ teams participating across India. Was responsible for problem statements for the competition and the judging panel.
- Senior Executive, E-Cell IIT Guwahati:** Active member of Entrepreneurship Club of IITG. Was a part of Growth Hacking division and operated the Twitter handle for E-Cell IITG.

## EXTRACURRICULARS

- Painting Competitions:** Qualified for National level painting competitions by SJVN and CGWB. Won many State and District level competitions.