Currently pursuing a **Minor** in **Computer Science and Engineering** Department, IIT Bombay

SCHOLASTIC ACHIEVEMENTS

- **Ranked 1ˢᵗ** in the **Department of Mechanical Engineering** among 126 B.Tech students
- Secured **All India Rank 514** among 0.22 million aspirants in **IIT-JEE(Advanced)** *['17]*
- Secured **99.94 percentile** amongst 1.2 million candidates in **IIT-JEE(Main)** *['17]*
- Secured **All India Rank 1** in the **ICSE Board Examinations** among 0.16 million students *['15]*
- Ranked among the **top 1%** in the **NSE Chemistry** out of 41396 candidates across India *['16]*
- Ranked among the **top 1%** in the **NSE Physics** out of 44176 candidates across India *['16]*
- Ranked among the **top 1%** in the **NSE Astronomy** out of 2239 candidates across Maharashtra *['16]*

TECHNICAL PROJECTS

Decentralized Application for Land Registration *[Aug '18]*
ETHIndia Hackathon, Bengaluru

- Awarded the **Top Hack Prize by Lendroid** amongst **400 hackers** who participated in the event
- Part of a 3 membered team that developed a **DApp** using the **APIs of Lendroid** for **land registration**
- **Tokenized this land** so that it could be used as a collateral while borrowing/lending cryptocurrency
- **Deployed 4 smart contracts** on Ethereum's Kovan Testnet to demonstrate the Proof of Concept

Attendance System Using Face Recognition *[May - Jul '18]*
Institute Technical Summer Project | Institute Technical Council, IIT Bombay

- **Led a team of 4 members** to construct an Attendance Recording Bot that could use **face recognition**
- Developed **2 Android apps**, one for attendance checking and another for bot control using bluetooth
- Deployed a database on a server for storing the information about students and professors using **Django**
- Implemented the model on the faces of **200 students** to attain a staggering **accuracy** of around **95%**

Reading Project On "Machine Learning" *[May - Jul '18]*
Summer of Science | Mathematics and Physics Club , IIT Bombay

- Completed the **Machine Learning Specialization** course offered by the **University of Washington**
- Analysed **5 research papers** and took other courses on Machine Learning and Deep Learning Algorithms
- Mastered working with modules such as **GraphLab Create**, **TensorFlow** and **Scikit-Learn**
- Implemented **regression, classification, clustering** algorithms and various **neural networks** on datasets involving **property prices, sentiment analysis, recommender systems** and **image recognition**

Competitive Coding *[May - Jul '18]*
Seasons of Code | The Web and Coding Club, IIT Bombay

- Coded **data structures** like Linked Lists, Binary Search Trees, Hash Tables, Tries and Segment Trees
- Implemented different **searching/sorting** algorithms, **Greedy** Algorithms and **Dynamic Programming**
- Explored basic Graph Theory including BFS/DFS, Minimum Spanning Trees and Dijkstra's Algorithm
- Participated in several **coding contests** held across platforms like **Codeforces, Hackerrank and SPOJ**

Remote Controlled (RC) Car for XLR8 *[Aug - Sept '17]*
Electronics and Robotics Club, IIT Bombay

- Designed a **manually controlled car** capable of negotiating **8 different obstacles** on a designated track
- Implemented the **rocker mechanism** successfully for the car to ascend slopes greater than **30 degrees**

TECHNICAL PROFICIENCY

Programming	C/C++, Python, Java
Development	**Django**, TensorFlow, Graphlab Create, **Solidity**, SQL, **Android**, HTML, CSS3
Software/Tools	**Git**, MATLAB, Octave, **Truffle**, LaTeX, **AutoCAD**, **SolidWorks**, Adobe Photoshop, Adobe Premiere Pro, Arduino, Amazon Web Services (AWS)

CERTIFICATIONS

- **Introduction to Blockchain and Bitcoin** | *Blockchain Semantics* — [Jul '18]
- **Machine Learning Specialization** | *University of Washington* and *Coursera* — [May '18]
- **Certified Marketing Analytics Practitioner** | *Henry Harvin Education* — [Apr '18]

POSITIONS OF RESPONSIBILITY

Convener, The Web & Coding Club, IIT Bombay [Apr '18 - Present]

- **Co-founded** the **Blockchain Club** and conceptualized **10 events** for the upcoming year
- Part of a **team of 22** students, catering to around **3000 coding enthusiasts** and students on campus
- Conducted **hackathons, lectures, bootcamps** and **competitions** to promote the coding culture
- Organized and **spoke at** sessions on **Web Scraping, Version Control, Open Source** and **Blockchains**

Marketing Coordinator, The Entrepreneurship Cell, IIT Bombay [Mar '18 - Present]

- Contributed in pursuing the **annual budget** for E Cell through sponsorships and brand integration
- Contacted **200+ companies** to explore new synergies and raised in-kind sponsorship worth **INR 1 Lakh**
- **Mentored 20 freshmen** in case study solving, BMC filling and pitch deck making during EnB Buzz

Class Representative, Department of Mechanical Engineering, IIT Bombay [Aug '18 - Present]

- Played an active role in **scheduling lectures, labs** and **examinations** during the semesters
- **Conveyed the opinions** of peers effectively to the professors and department council members
- Conducted site visits, talks by alumni, cultural events and other such activities for the department

Events Organizer, Techfest, IIT Bombay [Nov '17 - Jan '18]

- Controlled the **virtual betting platform** for **International Robowars**, with **6000+ audience**
- Oversaw the **travel and stay** of **3 international teams** that had come to participate in the event

School Head, St. Mary's ICSE School [Feb '14 - Jan '15]

- Managed a council of **20 students**, responsible for the management of the discipline and intra-school events
- Represented and **won accolades** for the school in **several inter-school events** during the tenure

COURSE UNDERTAKEN

Computer Science	***Introduction to Machine Learning**, Computer Programming and Utilization
Core Courses	***Solid Mechanics**, ***Fluid Mechanics**, *Thermodynamics, Engineering Mechanics, Engineering Graphics and Drawing, Mechanical Workshop
Miscellaneous	***Engineering Metallurgy**, *Economics, *Introduction to Electrical & Electronics Circuits, Calculus, Linear Algebra, Quantum Mechanics

*to be completed by Nov '18

EXTRA CURRICULARS

- Successfully completed one year of **Squash** under **National Sports Organization** (NSO) ['17 - '18]
- Designed a **radio-controlled plane** tasked with performing difficult aerial maneuvers ['17]
- **Won** the **Vodafone's Faster Smarter Better Challenge** in Navi Mumbai ['12 & '14]
- **Finalist** of the **personality contest** at **Cascade 22**, one of the biggest inter-school fests in Mumbai ['14]
- Conducted **3 solo painting exhibitions** featuring 101, 135 and 68 paintings respectively ['08, '12 & '16]
- Excelled in **Elementary** and **Intermediate Drawing Grade Examinations** with an **A Grade** ['12 & '14]
- Secured **International Best Prize** at **UNICEF's Japan International Painting Competition** ['14]
- Completed **3rd Year** in **Hindustani Classical Vocals** ['13]