Scholastic Achievements

- Pursuing a **Minor** in Industrial Design Center(IDC)
- Ranked in the top **3 %** among **0.2 million** candidates in JEE Advanced 2017 [April'17]
- Ranked in the top **1 %** among **1.5 million** candidates in JEE Mains 2017 [June'17]
- Secured the **1st position** in intra-state Talent Search Contest among **0.1 million** students conducted by **Navodaya Educational Society And Welfare Committee, Bhopal** [July'15]
- Awarded **SBI Scholar** Fellowship which is given to meritorious children of SBI staff [July'17]

Professional Experience

RnD Sales and Marketing — World of Steel [May'19-July'19]
Awarded Letter of Recommendation for excellent performance during the internship period

- Researched on several platforms including **LinkedIn** and analyzed the existing information such as **JNPT** (Jawaharlal Nehru Port Trust) export data etc. to aim the expansion of business of fasteners in the USA
- Targeted the customers interested in Castings and Fasteners by drafting a **newsletter** and website updates
- Documented the **SOPs** and helped to increase the efficiency of **CRM**(Customer Relationship Management)
- Worked as a **UI/UX designer**, participating actively in website construction to maximize functionality

Product Design Internship— goDutch [Dec'18]
Received Letter of Recommendation for excellent performance during the internship period

- Strategized various measures for targeting **potential customers**, promotion and launch of the product
- Designed the **official website** and **campaigns** of the company collaborating with the design team
- Used **Figma**, **Illustrator**, and **Photoshop** as designing tools for prototyping, template and icon creation

Positions of Responsibility

Internship Coordinator [March'19 - present]
Institute Placement team, IIT Bombay

- Working in a team of 24 members to secure and streamline Internships for **2000+** students of IITB
- Building and fostering relations with leaders across **250+** firms and professors across **50+** renowned universities all over the world to target sectors like Finance, Consulting, and Core engineering
- Envisaging **20%** increase in internships through targeted contacting and collaboration with professors
- Effected an increase in the number of research internships by furthering relations with top B-schools
- Systematically analyzed the interest of **800+** students and created an extensive year-long plan
- Ideated **Aptitude Tests** at institute level aimed at pre-interview preparation to cater to aspirants

Department Academic Mentor—Student Mentorship Program [March'19 - Present]
*Selected from over **70+** applicants based on 3 tier selection criteria including peer reviews and an interview*

- Mentoring **6** sophomores on their academic concerns in coordination with their Faculty Advisor
- Contributed towards the **DAMP-blog** for giving the students reviews regarding the course structure

Department Design Secretary [Aug'18 - March'19]
Electrical Engineering Students Association(EESA), IIT Bombay

- Selected on the basis of balanced academics & extracurricular activities to spearhead the designing tasks
- Received the **Certificate of Recognition** for the valuable contribution to the department as the secretary
- Assisted department council in conducting various activities like **Department Traditional Day etc**

Technical Skills

- **Programming:** C, C++, Python, VHSIC Hardware Description Language (VHDL), Arduino IDC, LaTeX
- **Tools:** Quartus Altera, Matlab, AutoCAD, SolidWorks, NGSpice, Xcircuits, MS Office, Salesforce
- **Design:** Figma, Illustrator, Photoshop
- **Micro-controllers:** CPLD(Altera Max V), Arduino, Tiva-C

PROJECTS UNDERTAKEN

Microprocessor Design [April'19]
Guide Prof. Virendra Singh, Electrical Engineering Department *Course Project*

- Designed a **16-bit** multi-cycle microprocessor having **8** registers used for the teaching purposes
- The microprocessor can perform **14** instructions including read, write, jump, branch inequality, etc
- Simulated and verified the working of the processor using VHDL on an **Altera Cyclone V FPGA** device

Inclusion and Diversity [April'19]
Guide Prof. Meenakshi Gupta, Humanities and Social Sciences Department *Course Project*

- Comprehensively assessed the need for **corporate** inclusion & diversity and identified the areas of concern
- Identified the areas companies are lagging like gender ratio, age diversification, etc to inculcate the diversity
- Suggested the effective **staffing and policy reformations** to rectify the problems prevailing in the firms

Enigma Magazine Design [May'19- July'19]
Institute Cultural Summer Project

- Worked as an **editor** and assisted in designing the layout of the magazine and wrote about the **Fourthwall**, the Dramatics club of IIT Bombay, with a reach of over **10,000+** audience
- Spearheaded the ideation and execution of content for the print edition, each circulated to **5,000+** students

Text Categorization using Machine Learning [May'18-July'18]
Institute Technical Summer Project

- Implemented a **neural network** code from scratch to properly classify 20 Newsgroups dataset
- Used in-built **Scikit-learn** functions for neural networks and **Naive-Bayes algorithm** for the dataset
- Analyzed the test and train accuracy for the dataset by varying their function parameters

Photonics [May'18-July'18]
Summer of Science

- Researched on **semiconductor photonics** and basic optics including ray, wave, Fourier and beam optics
- Studied physics associated with the **optical phenomenon**, **Helmholtz equation**, and **Gaussian Beam**
- Gained knowledge about basic working principle, properties, and characteristics of **LEDs** and **Lasers**

Grab Circuit [April'18]
Guide Prof. Subhanandan Chakraborty *Course Project*

- Implemented a quiz buzzer using **Astable Multivibrator**, Comparators, and other circuit elements
- Designed the clock having an accuracy of **0.1 sec** which stops as soon as the first quizzer presses the button
- Used a **7 segment display** to display the reaction time taken by the first quizzer as well as locked others

KEY COURSES UNDERTAKEN

Core Electrical

- Microprocessors*, Microelectronics, Digital and Analog systems, Communication Systems*, Power Electronics, Network Theory, EM Waves*, Electrical Subsystems, Semiconductor devices

Mathematics and Statistics

- Data Analysis and Interpretation, Probability and Random Processes*, Calculus, Linear Algebra, Differential Equations, Complex Analysis

Miscellaneous

- Introduction to Design, Principles of Management and Organizational Behaviour, Economics, Computer Programming and Utilization

* to be completed in Nov '19

EXTRA CURRICULAR SKILLS & ACHIEVEMENTS

- Secured 2nd **position** in Rangoli-Making Competition in **Freshiezza** conducted by Cultural Council
- Successfully completed **Guitar** and **App Development** workshops conducted by IIT Bombay
- Coordinated in the conduct of **Kaladarshan**, an annual art and craft exhibition, having a footfall of 10,000+
- Designed a wireless remote-controlled car for the Intra College bot making competition **XLR8**
- Mentored 4 students for **XLR8**, an annual competition held by Electronics and Robotics Club
- Completed a two-semester course in **Fine Arts** conducted by National Sports Organization (NSO)
- Worked as a coordinator for **Mood Indigo**, Asia's largest college cultural festival with a footfall of 141,000+ people, leading a team of 30+ organizers for conceptualization, ideation, planning, and execution of the fest
- Volunteered in the conduct of various events and activities in **Abhyuday**, the **social fest** of IIT Bombay
- Managed logistics for talks and coordinated with **20+** journalists during **E-Summit**(Entrepreneurship Summit)