Aaryan Gupta

Electrical Engineering

Indian Institute of Technology Bombay

19D070001

Dual Degree (B.Tech. + M.Tech.)

Gender: Male

DOB: 03-10-2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2024	

Pursuing a **Minor** degree in **Entrepreneurship** from DSSE, IIT Bombay

SCHOLASTIC ACHIEVEMENTS

- Secured **99.77 %ile**, ranking **554** among 0.245 Million aspirants which qualified for JEE-Advanced [2019]
- Secured **99.96 %ile,** ranking **523** out of 1.2 Million candidates that appeared for JEE Mains [2019]
- Received Kishore Vaigyanik Protsahan Yojana **(KVPY)** Fellowship awarded by DST, Government of India [2018]

POSITIONS OF RESPONSIBILITY

Maintenance Secretary | *Hostel 2, IIT Bombay* [Sep 2020 - 2021]

Nominated among 400+ Hostel-mates through a meticulous & grilling process of groundwork & interviews.

- Worked in a **3**-tiered hostel council to **supervise Maintenance activities** in a Hostel of more than **400** students
- Acted as hostel's **Point of Contact** for Institute Bodies like Public Health Office, Hostel Maintenance Unit, EMD
- Apart from Maintenance work, coordinated with other council members to organize **10+** Hostel events

Marketing Coordinator | *Mood Indigo, IIT Bombay* [May 2020 - 2021]

50th edition of Asia's largest college cultural festival | 146,000+ footfall | 240+ events

- Worked in a **team of 40** to pursue the marketing budget for 50th Mood Indigo through corporate sponsorship
- **Ideated** upon and **executed brand integrations** with a wide range of events during the festival in the institute
- **Conceptualized** & **Ideated online deliverables for Indoor Indigo**- series of online competitions & Instagram lives

KEY PROJECTS

Financial Modelling [Jun 2020]

Learner's Space | Finance Club *IIT Bombay*

- Worked with **Financial 3-statement models** to estimate a company's valuation using **DCF Analysis**
- Analyzed a **Leveraged Buyout Model** of a Company by working with Case Study data on **Excel**

Online Guided Projects [Jul 2020]

Completed under Coursera Project Network

- DCF Modelling ▪ Creating Technical Charts(R & Quantmod) ▪ Building Candlestick Charts using Google Sheets

SELF READING/PROJECTS

- Read **Sheldon Natenberg**'s Book of **Option Pricing Models** & Basic **Volatility Trading Strategies**
- Implemented a calculator for **option premiums** based on the **Black & Scholes model** using **python**
- **Hedging strategies** using various OTC/Exchange-Traded Derivatives (Forwards/FRAs, F&O, Swaps, etc.)

ONLINE COURSES/WORKSHOPS

Online Courses [Jul 2020]

▪ Financial Markets (With Honours)	▪ Swing Trading Ninja, Complete Day-Trading Course
▪ Advanced Excel Skills for Business	▪ Introduction to Data Science using Python (Pandas Series/DataFrames)

Workshops [Jul 2020]

- Derivative Pricing, Time Series Analysis ▪ Data Analysis & Visualization using MS Excel (Hands-on Workshop)

TECHNICAL SKILLS

▪ **Programming** Python (Pandas, Numpy, Scipy, Matplotlib) ▪ **Others** Excel, LATEX

EXTRA-CURRICULAR

- Mentored **6** students about Stock Market Analysis under **Summer of Science Program**, IIT Bombay [2021]
- Volunteered **80+ hours of social service** to Educational Outreach program by NSS, IIT Bombay
  - Taught Maths & Physics to **NGO Students** from classes 7th to 10th
  - Voice-recorded biographies & Audio-Books of famous disabled personalities for the blind [2020]
- Completed Virtual Stock Market Simulation Workshop conducted by discount broker 5Paisa [2020]
- Captain of InterSchool **Chess** team, Qualified for District Level **Cricket** team among 250+ players [2017]
- Hobbies include **Swing/Day-Trading using Price Action & TA**, playing Cricket, Hiking/Trekking & Road Trips