



Desai Rounak Atul
Economics
Indian Institute of Technology Bombay

21B080013
B.S.
Gender: Male
DOB: 20/12/2002

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2025	

Pursuing a **Minor** degree under the **Computer Science and Engineering** Department, IIT Bombay

Scholastic Achievements

- Secured a percentile of **99.3** (1.2M+ students) in JEE Mains and of **98.65** (0.16M+ students) in JEE Advanced [2021]
- Secured **99.875** percentile (0.6M+ students) in the Maharashtra Health and Technical Common Entrance Test [2021]
- Placed **9th** across the State of Maharashtra from a total of **0.3+** million candidates in the pre Upper Primary **Scholarship** Examination in 4th grade, **felicited** by the then Deputy Chief Minister of Maharashtra [2013]

Professional Experience

PriceWaterhouseCoopers (PwC) India Pvt Ltd | ESG | Summer Intern [May 2023 - July 2023]

- Analyzed **ESG** performance of **25+** companies via cross-checking with **30+** qualitative and quantitative parameters
- Curated a **pitch deck** for a prospective client by analyzing sector-wise **trends** and thorough **peer benchmarking**
- Assisted in preparing a comprehensive Business Responsibility and Sustainability Report (BRSR) for a **NBFC client**
- Correlated the **financial** performance of **20+** large cap companies with their undertaking of **sustainability** measures

Positions of Responsibility

Institute Analytics Club Convener | Undergraduate Academic Council (UGAC) [Sept 2022 - April 2023]
Selected among 4 out of 150+ candidates to represent interests of 10K+ students in Analytics, Data science, AI/ML

- Ideated and executed the first ever **Pan IIT** hackathon with **2000+** registrations, **2+ lakh** sponsorship by **Cisco**
- Organized Winter in Data Science (**WiDS**) to provide mentored projects to **1000+** applicants (**50% YoY increase**)
- Conducted first ever **sponsored** Blockchain Mania hackathon and training sessions in collaboration with **CionDigital**

Department Academic Mentor | Student Mentorship Program, IIT Bombay [May 2023 - Present]
Part of a 13-member team handpicked through a meticulous interview process, peer reviews and interpersonal skills

- Mentoring **6 undergraduate** students in their academic, personal and extra-curricular pursuits in the institute
- Actively writing **course reviews**, taking course **review sessions** to aid grasping and exam preparation of juniors

Department Research Co-ordinator | Undergraduate Academic Council (UGAC) [May 2023 - Present]
Responsible for bolstering research culture in Economics Department involving 13+ professors and 150+ students

- Executed the Summer Undergraduate Research Program (SURP) for students undertaking **interdisciplinary** projects
- Established department specific **research community** groups to enhance research culture amongst all batches

Key Projects

Is Algorithmic Trading the Future of Trading? | Finsearch research project, Finance Club IIT Bombay
Secured 1st place out of 300+ teams, received 20k from OneCard for exceptional performance [July 2022 - Aug 2022]

- Generated **20-25%** year-on-year return by simulating **Paired Switching** and **Momentum Trading** portfolios
- Clubbed **CNN-LSTM** model with momentum trading to simulate the evolution of a portfolio for **DOW30** stocks
- Developed a sophisticated **RL Agent** that can learn adaptive trading strategies through interactions with the market

Fiscal Imbalances and Debt Burden: The Indian Experience | Course Project | HS 212 [Jan 2023 - Mar 2022]

- Reviewed **15+** research papers to build a **25** page report analyzing **government deficit** spending for **70+** years
- Examined effective methods of **financing** the deficit and **modelled** the **sustainable** level of public debt in India

Bond Market and Money Market Dynamics | Course Project | HS 216 [Jan 2023 - Mar 2022]

- Modelled** term structure of interest rate for **30+** coupon bonds using **Excel** by extracting data from **RBI** website
- Examined the relationship between **Money supply (M3)** growth and **GDP** growth for **20+** years of Indian data

Extracurricular Activities

Consulting	<ul style="list-style-type: none">Ranked top 5 out of 250+ nationwide team registrations for the Aavhan case study competition, analyzed market sentiments post Russian-Ukraine war, and impact on sporting industry [2022]
Technical	<ul style="list-style-type: none">Coding: C, C++, HTML, Javascript, CSS, Python Misc: MS Excel, Word, PowerpointAttended 'Introduction to Investment Banking Pathway' workshop conducted by FMI [2021]Completed 3 levels of NXT Robotics summer workshop courses by Robominds India [2017]
Sports	<ul style="list-style-type: none">Completed a year-long training in Weightlifting under National Sports Organization [2022]Won 'Best fighter award' at the district Karate competition, promoted to yellow belt [2012]
Cultural	<ul style="list-style-type: none">Won first place and the best actor award in school annual group dramatics competition [2018]Represented school in International German Film Festival in group dance category [2019]