



Arjun Simha  
Mechanical Engineering  
Indian Institute of Technology Bombay

210021001  
B.Tech.  
Gender: Male  
DOB: 21/03/2003

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

Pursuing a Minor degree in the **Department of Industrial Engineering and Operations Research (IEOR)**

## SCHOLASTIC ACHIEVEMENTS

- Awarded a change of branch (**top 8%**) among **1300+** students due to **exemplary academic performance** [2022]
- Secured **98.9** Percentile in JEE Advanced and **99.80** Percentile in JEE Main among **1.2 million+** aspirants [2021]

## PROFESSIONAL EXPERIENCE

**Lightbox Ventures** | Yearlong Fellow | Venture Capital and Entrepreneurship [Jun '23 - Present]

*\$400M fund focused on early-stage consumer tech | Selected among 2 out of 50+ applicants for a yearlong fellowship*

- Built an **investment thesis** and identified 4 whitespaces to facilitate the fund's **entry** into the **spacetech** industry
- Evaluated **investment opportunities** in **2 generative AI** startups on the merit of **10+** B2C use cases and **5 KPIs**
- Built a **valuation model** for a portfolio startup by analysing **6** financial ratios of **7** comparable public companies
- Formulating an offline **expansion plan** for a portfolio firm by **modelling payback periods** of newly opened stores

**Ernst & Young** | Summer Associate | International Tax Consulting [May '23 - Jul '23]

*Awarded a **Letter of Recommendation** from the director for exemplary performance in the transfer pricing division*

- Benchmarked profit margins of **2000+** SaaS setups to optimise the price of **inter-company services** by **15+** clients
- Supported the team to achieve **10%** reduction in potential international and domestic **tax disputes** for client firm
- Contributed to a comprehensive analysis of the **economic impact** of new **global minimum corporate tax laws**

## POSITIONS OF RESPONSIBILITY

**Manager, Finance Club** | Undergraduate Academic Council, IIT Bombay [Apr '23 - Present]

***Spearheading** a team of 8, fostering interests in the fields of finance, economics & blockchain among 10K+ students*

- Conceptualising the **4th** edition of **FinFest**, a finance & economics summit | Budget: **INR** | Viewership: **5M+**
- Organising a banking conference with **RBI** | **60+** economics paper abstracts submitted | Sponsorship: **INR**
- Pioneering **Private Equity** casebook with **15+** cases from **4+** companies to assist **1300+** students with placements
- Repurposed **IITB Investment Team** into **India's first** college **VC** team to aid an **INR** fund in deployment
- Exposed **300+** students to **algorithmic trading** on a **no-code** backtesting platform | Cash prizes worth **INR**
- Launched **FinSearch**, a research program, with **8** professionally designed projects, witnessing **1.1K+** registrations

**Department Academic Mentor** | Student Mentorship Program, IIT Bombay [May '23 - Present]

*Selected in a **54-member** team based on an ethical assessment, peer reviews, SOPs, and a rigorous interview process*

- Mentoring **6** sophomores with their academic & co-curricular pursuits, providing credible counsel for personal issues
- Assisting the execution of initiatives to promote student interaction & smooth academic functioning in department

## KEY PROJECTS

**Optimising Power Systems** | Summer of Science | MnP Club, IIT Bombay [May '23 - Jul '23]

- Modelled **power networks** by utilising advanced simulation tools like **PSS/E** & **DigSILENT PowerFactory**
- Simulated a **12%** increase in **grid resilience** against fluctuations and uncertainties via **linear regression algorithms**

**Flow Over Weirs** | Course Project | Prof. Sridhar Balasubramanian [Jan '23 - Apr '23]

- Achieved **7%** increase in accuracy of calculating flow rates below **1.2L/min** by programming an **Arduino** flow meter
- Reduced the cost of experimental setup by **30%** via 3D printing and improved flow calibration with **200+** data points

## EXTRA CURRICULAR ACTIVITIES

Model United Nations	Position	Conference	Significance
	Secretary General	CHIREC Intl. JMUN	Headed Hyderabad's premier <b>Junior MUN</b>
	Vice Chair	IITB ENTRE MUN	Lok Sabha Committee   <b>100+</b> delegates
	Rapporteur	BITS MUN Pilani	<b>Youngest</b> Executive Board Member
	Best Delegate	Rockwell Intl. MUN	Joint Crisis Committee   <b>60+</b> delegates
	High Comm.	Techfest World MUN	Security Council   <b>Best Position Paper</b>
	Verbal Mention	Harvard MUN - India	<b>Asia's largest conference</b>
Journalism	<ul style="list-style-type: none"><li>Invited and interviewed the <b>Chief Economic Advisor of India</b> on India's <b>economic future</b></li><li>Co-authored a <b>blog</b> on the evolution of <b>metaverse</b>   <b>Published</b> by the <b>Inter IIT Tech Ambit</b></li></ul>		
Sports	<ul style="list-style-type: none"><li><b>1 of 20</b> among <b>500+</b> selected for the <b>Inter IIT basketball</b> camp via rigorous selection process</li><li><b>Captained</b> the team that won <b>1st place</b> in the Mechanical Department basketball tournament</li><li>Ranked <b>2nd</b> out of <b>12 teams</b> in the <b>Hostel General Championship</b> basketball tournament</li></ul>		