



Gautam Khona
Mechanical Engineering
Indian Institute of Technology Bombay

210101001
B.Tech.
Gender: Male
DOB: 20/01/2003

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

Pursuing a double minor degree in Computer Science and Artificial Intelligence & Data Science at IITB

SCHOLASTIC ACHIEVEMENTS

- Secured an All India Rank of **1066** in the *Joint Entrance Examination Advanced* out of 0.15 million candidates ('21)
- Obtained a percentile of **99.86** in Joint Entrance Examination (Main) out of 1.1 million aspiring students ('21)
- Recognized **state topper** (top 1%) in IOQP Physics Olympiad and achieved AIR **778** in KVPY (SX) ('21)

POSITIONS OF RESPONSIBILITY

Institute Speaking Arts Secretary | *Institute Cultural Council, IIT Bombay* (Apr '23 - Present)

Nominated to represent 13k+ students in speaking arts and lead a team of 20 hostel secretaries and 4 conveners

- Managing a budget of **INR** for conducting **80+** competitions, workshops and speaker sessions year-round
- Raised **INR** to subsidize **international tournaments** through a debate contest with a turnout of **400+** guests
- Partnered with **World's Best Debater** to coach practices and devise an exhaustive training program of bootcamps
- Pioneered **Just A Minute**, a novel speaking arts genre to foster impromptu communication among **1.6k+** freshmen

Head Tournament Director | *16th IIT Bombay Debate Tournament* (Apr '23 - Present)

Largest University Debate Tournament in Asia with 800+ participants globally with a budget of INR

- Heading a **40+** membered team, including **World debate champions** as chief judges to execute 2 tournaments
- Negotiating sponsorship deals worth **INR** with edtech startups, career counselling firms and national banks

Student Mentor | *Department Academic Mentorship Program* (May '23 - Present)

Selected out of 171 applicants through a rigorous process comprising of SOP, interviews and peer reviews

- Appointed as mentor to **6 sophomores** to guide **academic choices** & nurture holistic personality development
- Contributing to the creation of the Mechanical **DAMP blog** consisting of course reviews and internship experiences

Consult Club Convener | *Undergraduate Academic Council, IIT Bombay* (Apr '22 - Mar '23)

Selected from 150+ applicants to manage a club catering to 5000+ undergraduates in consulting and management

- Partnered with Eversana Consulting for a case competition with **INR 70k** cash prize and a participation of **150+**
- Attracted sponsorship worth **INR 40k+** from WWT and Sutra Consulting to launch Data Science hackathon

INTERNSHIPS & KEY PROJECTS

Pricewaterhouse Coopers | *Technology Consulting Intern* (May '23 - Jul '23)

Received Letter of Recommendation from the Director for exemplary work ethic and output

- Advised client to expand ultra-pure H_2O_2 production by **5%** based on demand forecasting driven by chip industry
- Developed predictive analytical strategies for capital markets to boost risk identification accuracy of stocks by **10%**
- Probed **20+** use cases for **IoT** devices to improve effluent disposal and **RCA** of near misses to reduce worker injuries
- Benchmarked **Fortune 500** client's competitive caustic soda business by assessing **25+ KPIs** to detect deficiencies

LEK Consulting | *Market Research Analyst* (Dec '22)

Worked on 2 projects in the School Education sector to supplement the firm's knowledge base

- Assisted in filtering out competitors of the target for an acquisition case by examining **160+** websites for curriculum
- Conducted large scale data mining of **450+** schools to assess the percentage of government aided schools in 3 states

Stock Market Prediction Using Machine Learning | *Minor Course Project* | *Advisor: Prof. Amit Sethi (Nov '22)*

A stock market AI/ML project using neural networks and statistical models to showcase future prediction accuracy

- Implemented statistical prediction models such as **Linear regression**, **LSTM** to predict future Google stock prices
- Calculated **RMSE** & **R2** score to conclude **ARIMA** model having **1.7%** greater accuracy than **RNN**-based models

Momentum Based Trading | *Finsearch* | *Finance Club, IIT Bombay* (Jun '23 - Present)

Momentum-based portfolio selection project using historical performance financial data for asset investment

- Identified **10 high-growth stock** by utilizing moving averages, stochastic oscillator and average directional index
- Targetting **17% Y-o-Y IRR** results by employing a volatility-based trading strategy using Random Forest algorithm

EXTRA-CURRICULAR ACTIVITIES

Debating	<ul style="list-style-type: none">Ranked 16th - Australasian Intervarsity '22 - 2nd largest tournament in the worldSemifinalist - IIM Indore Inter Varsity '22 - finished 4th among 70+ top Indian debatersQuarterfinalist - Dialectix ProAm - ranked 5th among 150+ International debatersRecognized as 7th Best Judge at CUPD '23 among 50+ competitive Indian adjudicatorsReserve Break: team ranked 9th at GLC Debate '23 against 40+ top Indian teamsNovice Finalist - MITDT & RVDt '22, largest Indian debates against 180+ debaters
International	<ul style="list-style-type: none">Awarded Budding Star (top 20) in MaRRs International Spelling Bee at Abu DhabiVisited the Netherlands as an Indian delegate for EUMIND Cultural Exchange
Competitions	<ul style="list-style-type: none">P&G Spotlight - Among top 50 from 5 IITs for a factory visit to P&G HyderabadFinalist, Open Secret - Startup's supply chain competition for strategic market entryFinalist, Ace The Case - Used Genetic Algorithm for a supply chain optimizationBCG Ideathon - Among top 40 to create an original business case on employing freelancers
Martial Arts	<ul style="list-style-type: none">Achieved 1st degree black belt in karate and won at 6+ tournaments for training school