Gauri Baheti		**200110040**	
Metallurgical Engineering and Materials Science		**B.Tech.**	
Indian Institute of Technology Bombay		**Gender: Female**	
		DOB: 30/7/2002	

Examination	University	Institute	Year
Graduation	IIT Bombay	IIT Bombay	2024

Pursuing a Minor Degree in **Industrial Engineering and Operations Research (IEOR)** at IIT Bombay

PROFESSIONAL TRAINING AND EXPERIENCE

Business and Data Analyst Intern

Aaris Internet Solutions Pvt Ltd. [May'22-Jun'22]
A full-fledged Digital Marketing service offering Pay-per-click and Social Media Marketing
- Completed market research involving **50+** stakeholders to determine the **Key Performance Indicators**
- Conducted case study on a close competitor **Zara** by evaluating their business model to draft an action plan
- Formed a **hypothesis** on the basis of the research and performed **statistical analysis** to test its viability
- Created and implemented a statistical model using **Forecast Modelling**, by building upon a predictive **Linear Regression Model** to forecast trends in women fashion from the information available on the predictors

Product Management Intern

CodeChef | Unacademy [Apr'22-May'22]
A global competitive programming platform used by 2.2 million+ programmers all over the world
- Led a team of **15** doubt solvers across the Doubt Support Platform of CodeChef to support new programmers
- Monitored the daily execution as per the defined metrics (**<1 min** response time, **0 unanswered** doubts)
- Fostered end-to-end execution of the Doubt Support Platform by discussing the key requirements with the **cross-functional teams**, leading to a surge of **60%** in the number of active users on the platform in a **month**

Co-Founder, Easy Art

Entrepreneurship Project | IDEAS | IIT Bombay [May'21-Aug'21]
*Received a **grant of 50K** from the Desai Sethi School of Entrepreneurship, IIT Bombay*
- Identified our primary **customers** and extensively surveyed the industry and job **market** of fresh graduates
- Scrutinized **unemployment** among fresh graduates by analyzing the placement statistics of **40+** engineering institutes in India and succeeded at designing a **product** that can connect the core industry and the institutes

KEY PROJECTS UNDERTAKEN

Markov Chain Analysis

In-Semester Undergraduate Research Program | IIT Bombay [Dec'21-Present]
Project Guide: Prof. Sandip Roy, Department. of Chemical Engineering, IIT Bombay
- Employed data visualization tools **Python** and **MATLAB** to build upon a pre-existing **Markov Chain** model
- Formulated an **Agent-Environment** interaction in a **Markov Decision Process (MDP)** by modelling a virtual environment involving the use of **Reinforcement Learning** to predict the failure conditions for a system
- Devised an **optimal** preventive maintenance schedule which minimizes the non-operational time of a system

Option Pricing Models

FinSearch | Finance Club | IIT Bombay [Jun'22-Present]
- Implemented various **option trading strategies** including Naked Call, Bear Call Spread and Bear Put Spread
- Achieved an accuracy of **78%** through Neural Networks against the Black Scholes model of accuracy **58%**

POSITIONS OF RESPONSIBILITY

Institute Classical and Folk Arts Convener

Institute Cultural Council | IIT Bombay [Jun'21-Apr'22]
Part of a 6-member team to promote classical and folk arts among 15K+ students and staff in the institute
- Handled end-to-end logistics of the **Institute Classical and Folk Arts Night (Dharohar)**; participation: **70+**, viewership: **500+** with a **150% y-o-y** increase in viewership
- Conducted the **General Championship (GC)** for Duet Classical Music for the first time ever in the Institute
- Managed a budget of **₹0.4MN+** to conduct workshops, speaker talks and events catering to **15000+** audience

Core Member (DevCom)

Development Community | IIT Bombay [Apr'21-Sep'21]
Selected among 16 members out of 80 applicants; catering to the technical needs of 5000+ students
- Coordinated in a **26**-membered team to maintain the **InstiApp** (**10,000+** downloads on Google Play Store)
- Collaborated with **4** other team members to modify the development community's website using **Jekyll**

TECHNICAL SKILLS

Programming Languages	Softwares and Frameworks	Design and Media
C++, Python, HTML, R, MATLAB, Jekyll	AnyLogic, MS Office, SolidWorks, LaTeX	Photoshop, Premiere Pro, Illustrator

EXTRACURRICULAR ACTIVITIES

Business
- Participated and qualified for the **Zonals** of **Eureka**, Asia's **largest** Business Model competition ['21]
- Led a team of **3** in **EnB Buzz**, a Business Model competition organized by the E-Cell of IIT Bombay ['20]
- Volunteered at E-Summit (**250,000+** students, **7000+** startups) in the **Events** Department ['21]

Culturals
- Completed **3** years of professional training in **Kathak** from Sangeet Bharti, Bikaner, Rajasthan ['11-'13]
- **Lead-choreographer** in the **Dance GC** involving **7** teams and **40+** participants at IIT Bombay ['22]
- Mentored a team of **10** students in a dance competition organized by the Dance Club of IIT Bombay ['22]

Mentorship
- Selected as a student English **One-on-One mentor** at English Learning Program, SMP, IIT Bombay ['22]

Sports
- Successfully completed trek to the summit of **Kedarnath**, one of the highest peaks of Uttarakhand ['22]