Somya Sharma

3rd Year Undergraduate | Civil Enginering | IIT Bombay

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

SCHOLISTIC ACHIEVEMENTS

- Ranked among the **top 0.95** percent out of **1.2 million** applicants all over India in **JEE Mains** [2020]
- Ranked among the **top 3** percent in a pool of **0.25 million** eligible students in **JEE Advanced** [2020]
- Awarded a perfect score of **100/100** in **mathematics** in Intermediate/+2 and **10 CGPA** in Matriculation

PROFESSIONAL EXPERIENCE

Web Developer Intern | Incluzon | Banglore, India [Dec'21- Jan'22]

- Worked on a **ReactJs** based website, designed to democratize the entry-level workforce hiring process
- Developed a fully **responsive** website using various technologies like **React, Javascript, Bootstrap**

KEY PROJECTS

Cryptocurrency- Trading Model and Strategy | Guide: Prof. Abir De | Course Project: CS419 [Mar'22- Apr'22]

- Prepared a model to find **optimal trading strategy** using the data extracted from **Bitmex**
- Extracted data successfully from the **Bitmex platform** & classified to bearish or bullish using **XGBoost algorithm**
- **Predicted** the closing price of securities using **RNN** & updating weight matrix for historical data of different times

Neural Networks and Deep Learning | Summer of Science | ITC, IIT Bombay [May'21- Present]

- Working on my skills on **Deep Learning and Neural Networks** under the professional mentorship from IITB
- Understanding the required **Machine Learning algorithms** for Deep Learning and Neural Networks

Food Delivery Website | Aromas, IITB | Institute Technical Council, IIT Bombay [Sept 2021]

- **Conceptualized** a food delivery website responsible for delivery to **10,000+** students of IIT Bombay
- Developed a cross platform, **fully responsive** website using **Angular** framework & fabricated an **admin** and **user panel** from scratch and implemented **Razor-Pay secure Payment Gateway** for payment of food items by the user

POSITION OF RESPONSIBILITY

Web Convener | Insight, IIT Bombay | *Reach of 1.5 Million+ | Readership: 350K+* [Apr 2021- Present]

- Selected after **rigorous interview** & **intensive assignment** evaluations among **60+ candidates**
- Maintaining & updating **main website**, the main source of media & **Summer Blogs** with a readership of **10K+**

Academic Mentor (D-AMP) | Civil Engineering, IIT Bombay [May 2022- Present]

- **Selected** among more than 60 applicants from the department **through rigorous interviews** and peer reviews
- **Mentoring** a team of 6 juniors by providing **academic guidance** to **shape their careers** in different fields

Marketing Coordinator | Techfest, IIT Bombay | *0.165 million+ viewership* [Sep'21 - Feb'22]

- Networked with **multiple brands' executives** to acquire the fest budget by **corporate sponsorship**
- **Conceptualized** wide range of online events for Techfest to adapt to online format during the festival

TECHNICAL SKILLS

Languages	**C++**	C	Python	MATLAB	Git	LATEX| JavaScript	R
Frameworks/Libraries	Pandas	Numpy	Scipy	Scikit-learn	Matplotlib	Angular	ReactJS
Devlopment	HTML5	CSS5	BootStrap 5.1	PHP	NodeJS

EXTRA CURRICULAR ACTIVITIES

Tech	• Awarded exciting prize in **RC Drone** orientation session by flying a drone through all loops, session conducted by **Aeromodelling club** of IIT Bombay [2021] • Successfully completed session on **Machine learning** by Analytics club IITB [2021]
Social Services	• Contributed towards fruitful debates on **Global Warming, pollution** conducted by NSS* and made great **presentations** on greenery near us [2021] • Made bird water feeder pot using plastic bottles as a project under NSS* [2021]
Miscellaneous	• **Supervised** and worked with a **team of 12** people and **won 3rd position** in Radio Play GC for our hostel among all other hostels participated and was awarded as **best director** • Played in inter school **football** competition as a mid fielder for our school team [2016]