HRUTIKA SURYAKANT BADGERI

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Education

University of Mumbai

Navi Mumbai, India

Bachelor in Computer Engineering

August 2019 - Present

Average CGPA: 9.59

Key Projects

PlaceIT | Domain: Backend Development | Development Technologies: JavaScript, NodeJS, ExpressJS| <u>GitHub</u>

- Developed a **backend** server for **Placement Drive** on college campuses, for an effective and transparent selection and application process for students to apply for companies.
- Created and tested **responsive APIs** for different portals like students, companies, applications, and the respective placement officer of the college using **Express.js and Postman.**
- Used **mongoose library** to structure the database and collections created using MongoDB.

Vanilla Music Bot | Domain: Bot Development | Programming Languages: Python | <u>GitHub</u>

- Developed an interactive and functional **Discord Music Bot** that is implemented using the YoutubeDL Package with a wide range of music related features for a better user-friendly experience.
- Hosted on Heroku and used the FFMpeg Buildpack for the music playing

Predictive Analysis | Domain: Machine Learning | Programming Languages: Python | <u>GitHub</u>

- Exploratory Data Analysis and **Prediction of House Prices in Boston** using Machine Learning algorithms like Linear Regression and Random Forest.
- Exploratory Data Analysis on **Graduate Admission Prediction** that will assist the students to know in advance their chances of getting accepted. The ML models used are RandomForesRegressor, KNeighborsRegressor, SVM with an average accuracy of 70.25%

Internships

Student Intern - Online

Knowledge Solutions India

June 2021- August 2021

Machine Learning

- Gained hands-on experience in developing and **implementing machine learning models** and developed logistic regression and linear regression algorithm from scratch.
- Worked on projects in predictive analysis such as prediction of **Heart Disease using Logistic Regression** and implemented the **Cluster based modelling for the classification of Universities as Public or Private.**

Technologies

Programming Languages: Python, Java, JavaScript, C
Web Technologies: HTML5, CSS, ReactJS, Node.JS, Express.JS
Data Management: LiveSQL, MongoDB
Developer Tools: VS Code, GitHub, Git, Heroku, Postman

Position of Responsibility

Computer Society of India, Terna Chapter

Executive Core Member

November 2020 – November 2021

- Managed Technical workshops under the CSI Terna Chapter
- Played a key role in publicity work and anchoring of the different events under CSI
- Designed Posters and Videos for Publicity of events as well as assisted with technical support

Chairperson

November 2021 – June 2022

- Chaired a team of 10 members to organize technical workshops, webinars and competitions
- Reached out and Invited the speakers/mentors
- Interacted with students on a larger scale

Terna Engineering College GitHub Team

January 2022 - June 2022

- Presented a 2-hr. webinar session on introduction to Git, GitHub and opensource technologies for all students as well as the staff department of Terna Engineering College via MS Teams.

Activities, Courses and Achievements

- MTA: Introduction to Programming Using Python | Microsoft Certified | Feb'22
- One of the finalists in an intercollege elocution competition "If you were a TEDx Speaker" organized by IIIT Pune.