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ROSHAN PRAVEEN SHETTY

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EXPERIENCE

UMass Design Outreach Chair   **University of Massachusetts, Amherst**   **Summer 2020 – Present**

- Marketed the club by creating posters, setting up presentations with permission of professors
- Organized online events due to the pandemic, and created social media accounts to interact with students
- Developing the UMassDesign application using Flutter to increase interactivity for the club and give a platform for everyone to post their work.
- Built interactive features, through Firebase for storing data, such as posting and viewing works for the weekly challenges, leaderboards, and contacting the members of the club
- **GitHub - https://github.com/RoshanPShetty/UMassDesign**

Front-End Developer   **University of Massachusetts, Amherst**   **Summer 2020**

- Built a website using React and Bootstrap to create an easily navigable User Interface (UI).
- Leveraged the communication and project management components of GitHub and Discord to lead a team of front-end developers.
- Led a team of front-end developers while using technologies such as GitHub and Discord to communicate and track changes

EDUCATION

Amherst, MA   **University of Massachusetts, Amherst**   **Fall 2018 – May 2022**

- B.S. in Computer Science with Minor in Mathematics. Dean's List consecutive semester with GPA: 3.579.
- Relevant Courses: Artificial Intelligence, Web Programming, Applications of Natural Language Processing, and Computer Systems Principles

TECHNICAL EXPERIENCE

Projects – GitHub - https://github.com/RoshanPShetty

- **DishSaver (2020):** Built an interactive web application that allows UMass Dining Commons to communicate with NGO's (non-governmental organizations, also known as nonprofit organizations) easily and effectively about donating leftover food that would otherwise be wasted. **Technology**: HTML, CSS, JavaScript, Bootstrap, Node, and MongoDB. **Link - https://dishsaver.herokuapp.com/**
- **Offensive/Hate Speech Detector (2020) –** Built a NLP (Natural Learning Processing) project that determines a tweet as either offensive, hate speech related or neither by training dataset of 30k tweets and classifying it based on the 3 categories mentioned. Accuracy of 80% achieved for Multinomial Logistic Regression. **Technology:** Python
- **CodePad (2020):** Built a text editor exactly like Notepad with special features such as Dark Mode and currently developing the format code feature enabling users to format their code according to the language, they are writing it in. **Technology**: Python
- **Free of Charge (2019):** Built a web application to allow communication between electronic vehicles during emergencies such as running out of charge. **Technology**: HTML, CSS, JavaScript, and Google Maps API

ADDITIONAL EXPERIENCE AND AWARDS

- **Chancellor's Award:** Highest academic scholarship, $14k per annum, given to undergraduate students at UMass Amherst

LANGUAGES AND FRAMEWORKS

- Python; HTML; CSS; JavaScript; Objective-C; SQL; Java; Dart; Latex; React; Git