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ROSHAN P. SHETTY

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EDUCATION

Amherst, MA   **University of Massachusetts Amherst**   **Expected – May. 2022**

- B.S. in Computer Science with Minor in Mathematics. GPA: 3.6/4.0
- Relevant Coursework: Data Structures, Artificial Intelligence, Web Programming, Applications of Natural Language Processing, Introduction to Algorithms, Database Management, and Information Systems.
- Recipient of Chancellor's Award, the highest academic scholarship, $14k per year, given to undergraduate students at UMass Amherst.
- Dean's List for 6 consecutive semesters.

EXPERIENCE

Resident Assistant   **University of Massachusetts Amherst**   **Jan. 2021 – Present**

- Offering residential experience supporting students' learning, personal growth, and academic achievement.
- Fostering inclusive communities, create social and educational opportunities, and provide safe and well-maintained residences.

PROJECTS

GitHub - **github.com/RoshanPShetty**

DishSaver   **Sep. 2020 – Dec. 2020**

- Built an interactive web application allowing communication between NGOs (Non-profit organizations) and UMass Dining Commons about donating leftover food that would otherwise be wasted.
- Developed REST APIs using Node.js and connected the application to MongoDB database.
- Used Bootstrap to build the front end of the application and deployed it on Heroku.
- Leveraged the communication and project management components of GitHub and Slack to lead a team of frontend developers.
- Web application - https://dishsaver.herokuapp.com/

Offensive/Hate Speech Detector   **Sep. 2020 – Dec. 2020**

- Built an NLP (Natural Language Processing) project in Python by training 30,000 tweets to classify tweets as: offensive, hate speech, or neither.
- Achieved an accuracy of 80% for Multinomial Logistic Regression.

CodePad   **May. 2020 – Present**

- Developing a text editor exactly like Notepad in Python with special features such as Dark Mode and format code enabling users to format their code according to their coding language.

EXTRACURRICULARS

Outreach Chair   **UMass Design**   **May. 2020 – Present**

- Recruited over 70 active students as members in one semester (Fall 2020).
- Successfully conducted Adobe XD workshop for beginners.
- Developing UMass Design Flutter mobile application with Firebase for backend as a social media platform to share member work with features such as leaderboard and votes.
- GitHub - github.com/RoshanPShetty/UMassDesign

LANGUAGES AND FRAMEWORKS

- Programming Languages: Python, JavaScript, HTML, CSS, Java, C, SQL, Dart, React, Git
- Frameworks and Databases: Bootstrap, Django, Express, jQuery, MongoDB, PostgreSQL, Firebase, MariaDB