Roshan Praveen Shetty

rshetty@umass.edu | https://www.linkedin.com/in/roshanshettyumass/ | https://github.com/RoshanPShetty | https://roshanpshetty.github.io/

Current Address:	**Permanent Address:**
151 Infirmary Way, Brett Hall, Room 0017	D-2304, Rustomjee Athena, Majiwada,
Amherst, Massachusetts, 01003	Thane, Maharashtra, 400601
Mobile: (413) 801-0722	Phone: +91 (836) 951-4277

EDUCATION: **University of Massachusetts, Amherst**
Bachelor of Science in Computer Science
Minor in Mathematics
GPA 3.603/4.0   Expected graduation date: May 2022

RELEVANT COURSES:

● Data Structures	● Computer Systems Principles	● Database Management
● Artificial Intelligence	● Applications of Natural Language Processing	● Programming Methodology
● Web Programming	● Introduction to Algorithms	● Information Systems

PROJECTS:

DishSaver   **Team Lead**   **September 2020 - December 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.
● Built the 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.
● Web application link - https://dishsaver.herokuapp.com/

Offensive/Hate Speech Detector   **Team Lead**   **September 2020 - December 2020**
● Built an NLP (Natural Language Processing) project that determines to classify as one of the three categories: offensive, hate speech, or neither.
● Trained 30,000 tweets and classified it based on the three categories.
● Accuracy of 80% achieved for Multinomial Logistic Regression

CodePad   **Application Developer**   **May 2020 – Present**
● Built a text editor exactly like Notepad with special features such as Dark Mode.
● Currently developing the format code feature enabling users to format their code according to their coding language.

EXPERIENCE:

University of Massachusetts Amherst   **Resident Assistant**   **January 2021 – Present**
● Offer a residential experience that supports students' learning, personal growth, and academic achievement.
● Foster inclusive communities, create social and educational opportunities, and provide safe and well-maintained residences.

LEADERSHIP:

UMass Design Club   **Outreach Chair**   **May 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

ACTIVITIES/AWARDS:

● Chancellor's Award ($14k/year Scholarship)	Recipient	September 2018– Present
● UMass Design Outreach Chair	Board Member	May 2020 – Present
● Dean's List	Recipient	September 2018– Present

TECHNICAL / NON-TECHNICAL SKILLS:
● Python; HTML; CSS; JavaScript; Objective-C; SQL; Java; Dart; Latex; React; Git
● Fluent in Hindi, Marathi, Tulu, and English while elementary level in French, Spanish, and Japanese
● VSCode, Eclipse, Microsoft Word, Excel, and PowerPoint