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Roshan Praveen Shetty

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Portfolio - **roshanshetty.netlify.app**

EDUCATION

Amherst, MA	**University of Massachusetts Amherst**	**Expected - May. 2023**

- M.S. in Computer Science with Baystate Scholarship of 50% tuition waiver. **GPA**: 3.5/4.0
- Relevant Coursework: Advanced Wireless Networking & Sensing, Database Design and Implementation, Incremental Assignments for Teaching Upper-Level System Course

Amherst, MA	**University of Massachusetts Amherst**	**Sep. 2018 - Dec. 2021**

- B.S. in Computer Science and on the dean's list every semester. **GPA**: 3.7/4.0
- Relevant Coursework: Scalable Web Systems, Web Programming, Machine Learning, Artificial Intelligence, Natural Language Programming, Database Management, Operating Systems, and Computer Vision.
- Recipient of Chancellor's Award, the highest academic scholarship, $14k per year, given to undergraduate students at UMass Amherst.

EXPERIENCE

FullStack Developer Intern	GRUBBRR	**Jun. 2022 - Present**

- Current Full Stack Developer Intern at GRUBBRR working with the Fullstack Development Team to develop software for the Samsung line of products in the GRUBBRR-Samsung partnership

IT Assistant	**UMass Amherst School of Public Health & Health Sciences**	**Jan. 2022 - May. 2022**

- Supporting and maintaining over 400 in-house computer systems and desktops for the School of Public Health through ServiceNow and Tenable.io to detect vulnerabilities
- Using KACE Systems for imaging computers and configuring drivers

Resident Assistant	**University of Massachusetts Amherst**	**Jan. 2021 - Jan. 2022**

- Offered residential experience and supported students' learning, personal growth, and academic achievement.
- Fostered inclusive communities, created social and educational opportunities, and provided safe and well-maintained residences.

Business Analyst Intern	**Tata Consultancy Services**	**Jun. 2021 - Aug. 2021**

- Exploratory Data Analysis of time series data to determine appropriate machine learning algorithms by decomposing level, trend, seasonality, and noise using Python
- Implemented machine learning models like Random Forest Algorithm with an average accuracy of 88 percent
- Oversaw project documentation through maintaining a comprehensive database of clients, projects, and deadlines.

Fullstack Developer	**UMass Amherst College of Social and Behavioral Sciences**	**Jun. 2021 - Aug. 2021**

- Developed shiny application for DACSS faculty to store, access, and edit school data
- Visualized UMass Amherst data using R in the form of a schedule as an interactive shiny application published on the school website - dacss.shinyapps.io/Schedule/

PROJECTS

GitHub - github.com/RoshanPShetty

RideShare - rs.res.tf	**Sep. 2021 - Dec. 2021**

- Built an interactive web application using Reactjs allowing effective communication between students wanting to carpool or share rides to certain locations throughout the year.
- Built and containerized ten different microservices using Nodejs and Docker to communicate using event buses
- Leveraged the communication and project management components of GitHub to lead six developers.

DishSaver - dishsaver.herokuapp.com	**Sep. 2020 - Dec. 2020**

- Built an interactive web application using HTML, CSS, and Bootstrap allowing communication between NGOs (Non-profit organizations) and UMass Dining Commons about donating leftover food preventing food wastage.
- Developed REST APIs using Node.js, connected them to MongoDB database, and deployed them on Heroku.
- Leveraged the communication and project management components of GitHub to lead frontend developers.

SKILLS

- Programming Languages: Python, JavaScript, HTML, CSS, Java, R, C, SQL, Dart, Git
- Frameworks and Databases: React, Node, Vue, Bootstrap, Django, Express, MongoDB, PostgreSQL, Firebase
- Platforms - Docker, VSCode, VirtualBox