

## ROSHAN PRAVEEN SHETTY

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## EDUCATION

UNIVERSITY OF MASSACHUSETTS, AMHERST

08.2018 - 05.2022

Bachelor of Science in Computer Science (Dean's List with GPA 3.579)

- Relevant Courses: Web Programming, Programming Methodology, and Computer Systems Principles

## PROJECTS

- Free of Charge
  - o Built a web application using HTML, CSS, Google Maps API and Javascript to allow communication between electronic vehicles during emergencies such as running out of charge.
  - o Contributed to the backend section by storing and updating data using firebase
- CodePad
  - o Built a text editor exactly like Notepad using Python.
  - o Added 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
- PhotoWall
  - o Built a wallpaper application using PexelsAPI to extract stock free images from the Pexels
  - o Built interactive features such as home, categories, search, and portrait mode
  - o Designed to extract only photos in portrait mode and display credits to the owner
- E-portfolio: <https://roshanpshetty.github.io/>
  - o Built a single page fluid personal website using HTML, CSS, Javascript, and Bootstrap
  - o Built interactive features such as sending an email from the website itself
  - o Designed a feature to download software such as CodePad (my text-editor) that I built using Python

## EXPERIENCE

UNIVERSITY OF MASSACHUSETTS, AMHERST - AMHERST, UNITED STATES

05.2020 – PRESENT

UMass Design Club Outreach Chair & App Developer

- 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>

UNIVERSITY OF MASSACHUSETTS, AMHERST - AMHERST, UNITED STATES

05.2020 – PRESENT

UMass ACM Club

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

## SKILLS & CERTIFICATIONS

- Certifications:
  - o Mikado Solutions for completion of Java Course
  - o Coder Technologies for completion of Advanced Java Course
  - o London App Brewery for Introduction to Flutter Development Using Dart
  - o Pursuing from Harvard for CS50 Course
- HTML, CSS, JavaScript, Bootstrap, SQL, Java, C, Python, and Dart