

# ROSHAN PRAVEEN SHETTY

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## OBJECTIVE

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Motivated student with a passion for technology wanting to learn and use skills and education to contribute to the society.

## EDUCATION

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09.2018 – 05.2022

### UNIVERSITY OF MASSACHUSETTS, AMHERST Bachelor of Science in Computer Science (GPA 3.517)

- Received 24 transfer credits from high school
- Courses taken: CS 121, 187, 220, 230, 240, & 250, MATH 132, 233, 235, & 331

07.2016 – 05.2018

### NES INTERNATIONAL SCHOOL, MUMBAI International Baccalaureate Diploma Program (34 out of 45 points)

- Classes taken: Math, Physics, & Chemistry HL, Economics, English, & French SL.

## WORK HISTORY

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07.2017 – 07.2017

### BUNTS TOOLS PVT. LTD – NASIK, INDIA Job Shadowing

- Shadowed the jobs of computer engineers for an entire week to understand and get acquainted with the general manufacturing process and automated machine tools such as CNC.

08.2020 – 05.2021

### UNIVERSITY OF MASSACHUSETTS, AMHERST – AMHERST, UNITED STATES Resident Assistant

- I will offer a residential experience that supports students' learning, personal growth, and academic achievement. I will foster inclusive communities, create social and educational opportunities, and provide safe and well-maintained residences. As a Resident Assistant, I play an important role in our department and be a vital resource for many members of the campus community.

## SKILLS

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- Certificate from Mikado Solutions for completion of Java Course.
- Certificate from Coder Technologies for completion of Advanced Java Course.
- Pursuing a certificate from Harvard for CS50 Course.
- Pursuing a certificate from Udacity and London App Brewery for Flutter Course.
- Experience with HTML, CSS, JavaScript, Bootstrap, SQL, Java, C, Python, Dart, MySQL, jQuery, Servlet, JSON, WordPress, and Unity.
- Experience with Microsoft Word, Excel, and PowerPoint.

## PROJECTS

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- Portfolio - <https://roshanpshetty.github.io/>
- Developing the website of the my university's ACM club using React Native.
- Developed a text-editor named Codepad using Python with additional features such as Format Document and Dark Mode for the use of coding.
- Currently developing a web application that allows dual payments if one's credit limits are lower than their total order amount.
- Currently developing a multi-environment application that will replace iclickers increasing the accuracy of attendance by taking into consideration the location of the iclicker with the location of the class.
- Currently developing an e-commerce app and website using Flutter accessible through phone, tablets and laptops.
- Currently developing an app that will aid the homeless through the provision of leftover food from restaurants that would otherwise be wasted.
- Made an application at HackHolyoke (2019) using Python that converts real time images to speech through the webcam using OpenCV and google APIs.
- Made a web application at MakeHarvard to increase adoption of electric vehicles (EV) through the aid of the EV to EV communication in times of need.
- Made an obstacle avoiding car using Arduino and ultrasonic sensors.