ROSHAN PRAVEEN SHETTY

151 Infirmary Way, Brett Hall, Room 407, Amherst Massachusetts, 01003| +1 413 801 0722 | rshetty@umass.edu | https://www.linkedin.com/in/roshanshettyumass/ | https://github.com/RoshanPShetty

OBJECTIVE

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

EDUCATION

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: COMPSCI 121, 187, 230, & 240, MATH 132, 233, & 235

07.2016 – 05.2018 **NES INTERNATIONAL SCHOOL, MUMBAI**
International Baccalaureate Diploma Program (34 out of 45 points)

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

WORK HISTORY

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.

SKILLS

- 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.
- Experience with HTML, CSS, JavaScript, Bootstrap, SQL, Java, C, Python, MySQL, jQuery, Servlet, JSON, WordPress, Wix, Unity
- Experience with Microsoft Word, Excel and PowerPoint.

PROJECTS

- Portfolio - https://roshanpshetty.github.io/portfolio/
- Currently developing an e-commerce website 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.
- Currently working on a puzzle game containing a series of puzzles using unity.
- 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.
- Written a paper on finding the safest radius of a parachute of a fixed mass to prevent it from getting damaged when dropped from a certain height.
- Made a device using Arduino at HackHolyoke (2018) to control my laptop via hand gestures.
- Made an obstacle avoiding car using Arduino and ultrasonic sensors.