# ROSHAN PRAVEEN SHETTY

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## 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 3.6)**

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

## PROJECTS

- 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.