

## **Krish Shah**

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### **Projects**

#### **Engineers Without Borders**, Storrs, CT (September 2022- Present)

- Help Hartford, CT become more environmentally sustainable by using data analysis to track energy consumption

#### **FROSTY Labs**, Storrs, CT (September 2022- Present)

- Program combat robots using Robot Operating System and C++
- Use physics and C to program Melty Brain style robots (constantly spinning combat robots)

#### **Remote Work: Fad or Future— 2022 MathWorks Math Modeling Challenge**

- From the SARIMAX package in Python, used the Autoregressive Integrated Moving Average (ARIMA) model to predict the growth rate of jobs in certain sectors of the economy
- Our team placed in the top 18 percent (113 out of 612 teams) of the challenge

### **Volunteer Experience**

#### **America Reads**, North Windham, CT (September 2022- December 2022 and March 2023 - May 2023)

- Tutored third grade students at Willington Elementary School (2023) and tutored fifth grader students (2022) at North Windham Elementary School on reading comprehension and algebra skills

#### **Serving the Served**, West Haven, CT (January 2021 - May 2022)

- Raised and collected hundreds of dollars to make and deliver gift bags for veterans at the West Haven VA Medical Center

#### **Milford Public Library**, Milford, CT (January 2020 - January 2022)

- Volunteered in and created free programs for 1st-12th graders
- Made things (Blankets, dog toys, etc.) for those in need

### **Education**

#### **University of Connecticut**, Storrs, CT

Bachelor of Science in Engineering, Computer Science and Engineering

Relevant coursework: Calculus I and II, Data Structures and Object-Oriented Design, Introduction to Computing for Engineers, Introduction to Discrete Systems, Principles of Digital Logic Design

GPA: 4.00/4.00

#### **Notre Dame High School**, West Haven, CT

High School Diploma

GPA: 4.312/4.000

### **Skills**

Computer: Proficient in Java, Python, and C++, Microsoft Word and Powerpoint, and Google Workspace Applications

Languages: Gujarati (Fluent), Spanish (Proficient)

### **Awards**

University of Connecticut - Dean's List (2022)

AAPL Seal of Biliteracy in English and Spanish (2021)

National Merit Scholarship - Letter of Commendation (2021)

Semifinalist in Pulitzer Fighting Words Poetry Contest (2020)