Samir Ahmed

Passionate about technology; willing to learn new things and share knowledge with others. Experience working in a diverse community environment. Sefl-initiator and curious learner who is diligent and values integrity

San Francisco Bay Area

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Github:
https://github.com/SamiTesla

EXPERIENCE

John F Kennedy High School, Fremont CA— *Volunteer*
November 2022 - May 2023

– Managed High School 3D print lab

– Diagnosed and repaired 3D printers, CNC Mills, and Lasers

– Helped other students with 3D design and printing

Thoughtful Design, Fremont CA— *Assistant*
June 2022 - August 2022

– Designed backdrops for events

– Built backdrops for events

– Interacted with customers throughout the design process

– Managed other interns during event setup

Owens Design, Fremont CA— *Technician Intern*
June 2023 - August 2023

– Build mechanical assemblies for several customers' equipment from reading CAD drawings.

– Tested and performed final quality inspection.

– Worked with mechanical and electrical engineers and technical leads to resolve assembly issues and meet shipment deadlines.

– Trained new interns on the assembly process.

– Learned and applied problem-solving skills in a fast-paced manufacturing environment.

EDUCATION

SKILLS

Ansys

Solidworks

Python

HTML

CSS

Soldering

Multisim

3D Printing

C++

LANGUAGES

English–Fluent

John F Kennedy High School, Fremont CA — *High School Diploma*
August 2021 - May 2024

University of California Merced, Merced CA
August 2024- May 2028
Computer Science and Engineering–BS

PROJECTS

Project Quickshot-Programmed a drone to recognize and track faces for videos
I programmed a drone with OpenCV to recognize faces and follow my face to record action-shot videos

Project Dumm-E-3D printed a sub-industrial robot arm for task automation
A fully 3D printed robot with 6 degrees of freedom programmed to automate basic tasks such as holding parts or moving parts.