

MUTI M. SHUMAN

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Summary/Objective

Computer Science student specializing in AI/ML, C++, Python, and embedded systems, with experience in software engineering and hardware integration. Resilient, adaptable, and a natural leader, passionate about building impactful, real-world solutions.

EDUCATION

Santa Clara University

Master of Science Artificial Intelligence & Machine Learning

Santa Clara, CA

Expected September 2026

Santa Clara University

Bachelor of Science Computer Science

Santa Clara, CA

December 2025

- **Relevant Courses:** Machine Learning & AI, Advanced Data Structures (C/C++), Computer Networks (IoT), Web Development, Embedded & Low-Level Systems, Computer Architecture & Verilog

College of San Mateo | *Deans list* | *Honor Roll* |

Associate of Science (3) Engineering, Computer & Information Science, Mathematics

San Mateo, CA

June 2023

PROFESSIONAL EXPERIENCE

Apple

Stanford, CA

Genius Technician

Jul 2021 – Present

- Responsible for driving creative **innovative hardware, software, and environmental** solutions for Apple users, impacting thousands. Led team in successful repair ratio, innovation and team work metrics.
- **Lead, mentor** and communicate with a team of 10+ technicians to achieve performance goals and improve team metrics.
- Ensure **efficient** repairs, analysis, and testing of 20+ devices daily, prioritizing safety and success. Exceeding expectations and leading my team in priority metrics.

Sequoia Networks Internship

Cupertino, CA

Intern Engineer

April 2023 – July 2023

- Managed and maintained data servers while **troubleshooting** and ensuring successful software integration of **software and hardware** solutions for multiple client companies.
- Provided **technical support** to diagnose and resolve 10+ IT issues daily, improving.

PROJECTS

[AI Gesture Detection Research/Publication](#) (Full Stack)

Santa Clara, CA

Senior Design Team Lead

June 2024 – June 2025

- Led a small team to design and develop a Gesture Recognition Device to support children with Autism in managing tasks.
- Wrote, pushed and optimized 10+ scripts for data collection, organization, and labeling, resulting in a dataset of over 5,000 labeled samples for training the AI model.
- **Utilized:** Python, C++, Swift (Mac OS & IOS applications), Soldering and 3D printing.

[Personal Web Server](#)

Redwood City, CA

Owner & Developer

August 2024

- Designed, launched, and secured a personal website/web server using a Raspberry Pi 5.
- Automated multiple daily security checks and updates, integrating alerts to my phone and leveraging fail2ban to block malicious user attempts proactively.
- Installed and configured a custom firewall to protect the server from unauthorized access and added helpful API's to manage email server notifications, monitoring, and insights.

[AI Emotion Detection](#)

Palo Alto, CA

Personal Projects

July 2020 – August 2020

- Collaborated with a team to develop a website with two primary goals: designing an AI capable of recognizing emotions with 85% accuracy and building foundational knowledge in data science, AI development & optimization.

SKILLS | INTERESTS | CLUBS

Skills: C++, C, Python, TypeScript, HTML, CSS, MatLab, Prompt Engineering, Assembly, Verilog, Swift

Tools: GitHub, Tensorflow, Pytorch, Docker, Soldering, 3D printing, SQL, Unit testing, Excel, Fusion 360, Linux

Soft Skills: Advanced Problem Solving, Attention to Detail, Detail oriented, Curious, Natural Leader, Approachable Demeanor, Quick Active Learner, Resilient, Persistent, Adaptable, Creative

Clubs: & Hobbies ACSM, IEEE, College Varsity Basketball, Gaming, Volunteering, Coding, Inventing, Hiking, Cars

Languages: English (native), Spanish (intermediate), Arabic (intermediate)