

# MUTI M. SHUMAN

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## Summary/Objective

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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

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### Santa Clara University

*Master of Science Artificial Intelligence & Machine Learning*

**Santa Clara, CA**

*September 2026 (Start)*

### Santa Clara University

*Bachelor of Science Computer Science*

**Santa Clara, CA**

*September 2023 – December 2025 (Expected)*

- **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

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

**San Mateo, CA**

*September 2021 – June 2023 (Expected)*

## PROFESSIONAL EXPERIENCE

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### Apple

*Genius Technician*

**Stanford, CA**

*Jul 2021 – Present*

- Responsible for driving creative **innovative hardware, software, and environmental** solutions for Apple users, impacting thousands. Led team in successful repair ratio..
- **Led, mentored** and communicated with a team of 10+ technicians to achieve performance goals and elevate technical expertise.
- Ensure **efficient** repairs, analysis, and testing of 20+ devices daily, prioritizing safety and success. All while exceeding expectations in my yearly review and leading my team in priority metrics.

### Sequoia Networks Internship

*Intern Engineer*

**Cupertino, CA**

*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

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### [AI Emotion Detection Device & Task reminder MAC & IOS App](#)

*Senior Design Team Lead*

**Santa Clara, CA**

*June 2024 – June 2025*

- Led a small team to design and develop an AI Gesture Recognition Device to support children with Autism in managing daily school activities using a raspberry pi zero.
- Leveraging skills in Python, Swift, and C++ to develop applications and for debugging issues. Soldering the components, CAD for the 3D printed parts, and PyTorch for the Machine Learning aspect.
- Developed MAC OS and IOS applications increasing my knowledge of Swift.
- 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.

### [Personal Web Server](#)

*Owner & Developer*

**Redwood City, CA**

*August 2024*

- Designed, launched, and secured a personal website/web server using a Raspberry Pi.
- 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.
- Automated multiple daily security checks and updates, integrating alerts to my phone and leveraging fail2ban to block malicious user attempts proactively.

### [AI Emotion Detection](#)

*Personal Projects*

**Palo Alto, CA**

*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

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**Skills:** C++, C, Python, GitHub, Tensorflow, Pytorch, MatLab, Prompt Engineering, Excel, Fusion 360, Soldering, 3D printing

**Soft Skills:** Advanced Problem Solving, Attention to Detail, Detail oriented, Curious, Works well in teams, 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)