CONTACT

Phone (559) 223 0722

<u>LinkedIn</u>

Handshake

<u>Instagram</u>

Emails: ahmadsuleimanbusiness@gm ail.com asuleiman2@ucmerced.edu

INTRODUCTION

Graduate from University of California, Merced, I am an aspiring Computer and Software Engineer seeking out to expand my horizons and interests in the computer world.

SKILLS

Languages: C++, C, Python, Java, JavaScript, Node.JS, React.JS HTML/CSS, MySQL, SQLite, Assembly Language (MIPS), Swift

Software: Microsoft Visual Studio, Docker, Firebase, Amazon Appstream, VS Code, xCode, Git, PyCharm, Eclipse, WSL, Windows, Ubuntu, Mac OSX, Symantec Ghost, DeepFreeze, ServiceNow, Office



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INTERNSHIP EXPERIENCE

Milano Technical Group Inc [8 Weeks]

April 2023 – June 2023

After collaborating with MTG for a previous project integrated through UC Merced, Milano Technical Group invited me back for a multiphase paid internship to work on multiple projects that they felt I would fit in. These projects included a designated web-app Robot GUI as well as a dynamic inventory management system. Technologies include Docker, Flask, Python, April Tag Tracking, OpenAl API's, Duet3D, Arduino, OpenCV, and more.

Milano Technical Group Inc [12 Weeks]

June 2023 – Current

Happy with the results of Phase 1, I began Phase 2 of my internship with MTG where I continued my work with my existing projects (Robot GUI and Inventory System) as well as take on other projects alongside other team members. I assisted in developing software for other robotics projects with varied applications. Technologies included Docker, ReactJS, Node.JS, Flask, Python, MySQL, PostgreSQL, OpenAI API's, Duet3D, and more. (Limited information due to NDA)

PROJECT EXPERIENCE

Automated Vehicle Fleet Management Software

[UC Merced I2G x Milano Technical Group]

September 2022 – December 2022

A team-based project collab with Milano Technical Group, an engineering consulting firm specializing in agriculture and industrial automation. The task was to create an interactive Fleet Management webapp for monitoring and directing warehouse activities, with heightened support for automated vehicles. *Designed with ReactJS, JavaScript, Flask, Python, SQL, and Firebase*

UC Merced ESL & Fresno Discovery Center [3D Modeling and Design] [Link]

September 2021 – May 2022

A client-based project for the Fresno Discovery Center in which we were tasked with updating a previous exhibit for the museum to better encapsulate the arts of science and physics. In my organized team, I took the role as Financial Officer and developer as I handled budgeting, product design, prototyping, and production resources.

Designed through AutoCAD, Microsoft Teams, Box

Interactive UC Merced Maps Web Application [Full Stack Project]

September 2021 – December 2021

As a final project for a full stack development class, my team created a tool that integrated UC Merced Map resources into a single, interactable interface with enhanced functionality. Designed with Flask, Python, JavaScript

Other Projects/URLs Upon Request

WORK EXPERIENCE

University of California, Merced [Computer Labs Management]

December 2022 - Present

Computer Labs Support Technician is responsible for providing intermediate to advanced hardware and software support in the computer labs at UC Merced, including troubleshooting, routine maintenance, mass imaging, and configuration of operating systems and software applications across

the entire UC Merced network. University of California, Merced [Student Technology Consultant]

October 2021 – December 2022

Student Technology Consultants provided primary support to faculty, staff, and students utilizing technology-enhanced spaces by providing first response support campus wide, ensuring academic technologies are functioning and maintained.

The Home Depot [Associate] June 2021 – October 2021

Paint Associate that worked with color formulating programs, maintenance.

Others Upon Request

July 2018 – November 2020

EDUCATION

University of California, Merced, Computer Science and Engineering B.S

September 2019 – May 2023

Bachelor's in Computer Science and Engineering. Maintained a 3.9 overall GPA, listed on the Chancellor's Honor List (2020, 2021, 2022), and took a variety of upper div CSE courses to expand my interests.