

Adyan Zaman

Los Angeles, CA | 818-434-9967 | adyanzedu@gmail.com



EDUCATION

University of California, Merced

Bachelor of Science, Computer Science & Engineering

Relevant Courses: Discrete Math | Intro to Python | Intro to C++

Expected Graduation: May 2027

Cumulative GPA: 3.5

SKILLS/ETC

Technical Skills: HTML/CSS | Python | C++ | Java | Git | Arduino | Unity | React.js | Typescript | Fusion 360

Languages: Fluent in English | Bengali | Conversational Spanish

Awards: **2023 Kline Foundation Scholar** - An elite program from Jerry Kline, 10 students who chose to study away from their hometown were selected to receive a generous donation from an alumni from Polytechnic High.

2x LA Marathon Finisher - Team Captain, SRLA Scholarship Recipient 2023

PROJECTS/ RESEARCH

Software Development Lead - Farm-ng | Merced, CA

February 2024 - May 2024

- Developed a specialized attachment for the Farm Robotics Challenge to minimize crop yield loss due to growth irregularities.
- Collaborated with industry experts, presenting compelling data and proposals that effectively secured \$5000 in funding.
- Engineered a Rest API for managing data and instructions, optimizing a seed-drilling machine for enhanced planting.

Software Developer - Team Cartographer (NASA S.U.I.T.S) | Merced, CA

December 2023 - May 2024

- Development in LMCC (Local Mission Control Console) Team as part of the 2024 NASA S.U.I.T.S Challenge.
- Learning and Implementing A* Search Algorithm using Python and Unity, gaining skills with the utilization of git.
- Enhancing experience on React.js, Typescript, and Tailwind by designing and implementing on a private console.
- Gaining coding knowledge by experimenting and testing using AR/VR, Web development, and RESTful API.

RFD - Reconnaissance Fire Drone - Team Lead | Merced, CA

November 2023 - May 2024

- Led and constructed a drone with the purpose of facilitating a search and rescue with a team of student engineers for experience.
- Employed Arduino, C++, and Fusion 360 for drone testing and development, advancing firefighting technology knowledge.
- Facilitated meetings with project leads, fostering collaboration that accelerated design and implementation to develop a new tactic.
- Orchestrated integration of software and hardware components, ensuring seamless communication between the drone's systems.

AI & Software Application for LA River Preservation - UCM CADE - Best In Class

December 2023

- Conducted extensive research and applied machine-learning techniques for environmental data analysis and modeling.
- Developed a novel approach using PyTorch and neural networks to analyze and propose solutions for preserving the LA River.
- Presented Research and Idea Proposal to Professionals, ultimately winning Best In Class for my section in the University.

WORK EXPERIENCE

Panda Express - Shift Leader | Burbank, CA

March 2021 – August 2023

- Supervised team of 7-12 people and ensured all operations ran smoothly throughout the day, prioritized organization & cleanliness.
- Analyzed restaurant finances and audited end-of-the-day financial sales reports to enhance operation efficiency and financial health.
- Established strong connections with regular customers in the community, prioritizing exceptional customer service.

PROFESSIONAL DEVELOPMENT

SHPE UC Merced Freshman Representative

January 2024 – May 2024

- Develop skills and growth within our community with the council of students in the organization to help our club.
- Coordinated outreach activities for the freshman committee, working diligently to promote SHPE's mission.
- Organized educational workshops and technical skill-building sessions tailored for freshmen, emphasizing practical knowledge.