

Personal Skills: Highly Motivated | Critical Thinker | Strong Communicator | Resourceful | Organized

EDUCATION

Bachelor of Science (BS), Mechanical Engineering & Aerospace Engineering | UC Irvine | GPA 3.75 Class of 2027

Related Coursework: Engineering | Engineering Computations | Physics

Fall Quarter 2024: Materials Science | Electric Circuits | Experimental Physics

Automotive Fundamentals | Saddleback College

- Automotive mechanics course that included the operation and repair of modern automobiles, automotive tools, and diagnostic equipment

Coding Languages: MATLAB - intermediate experience | C, CSS, HTML - beginner experience

TECHNICAL EXPERIENCE

anmassoumi.github.io

Autonomous Rover | University of California, Irvine 01.2023 – 03.2024

- Utilized Arduino programming in C, 3d printing, and laser cutting to construct an autonomous rover capable of tracking a line and retrieving an object at its destination

LIFETANK | University of California, Irvine | Engineering Student Council 01.2024 – 04.2024

- Designed and built a prototype for a wildfire fighting drone, equipped with a working fire detection system

RC Rover | University of California, Irvine 09.2023 – 10.2023

- Built and designed a rover and its steering system using a servo motor to control the steering system and a receiver/transmitter to control the rover

Website | anmassoumi.github.io 03.2024 – present

- Using HTML and CSS, designed and coded my website on VS Code to showcase my projects

LEADERSHIP | CO-CURRICULAR | ADDITIONAL EXPERIENCE

Anteater Express Operator | UC Irvine Parking and Transportation Services 08.2024 – present

- Class B licensed Anteater Express bus driver. Responsible for the inspection and safe operation of shuttle service buses at UC Irvine. Responsible for the safety and well-being of passengers.

Leaders in Freshman Engineering Member | Engineering Student Council 10.2023 – 05.2024

- First year undergraduate engineering student group focused on gaining leadership and engineering project experience through engaging events.

Engineering Student Council Member | University of California, Irvine 10.2023 – present

- Advocate for the educational, social, and professional advancement of the engineering community at UCI. Create networking and research opportunities with other organizations and businesses.

STEAM Camp Counselor | Camp Galileo | Irvine, CA Summer 2022, 2023, 2024

- Led elementary students through daily science, art, and outdoor lessons, focusing on innovation in all activities. Provided leadership, energy, and camp spirit campers, constantly assessing group dynamics and individual needs.

Head Coach | First Touch Soccer 02.2022 – 05.2022

- Responsible for coaching summer camps and pick-up games for children. Provided mentoring and skill training.

Volunteer Youth Coach | AYSO | Los Alamitos, CA 09.2021 – 06.2023

- Coached teams of boys ages 7-10. Prepared and conducted all team practices. Strategized for games, created an environment of camaraderie and motivated kids to play their best.