AlexANDER Massoumi 562-241-1169 | massoumialex@gmail.com | [www.linkedin.com/in/alexandermassoumi/](https://www.linkedin.com/in/alexandermassoumi/)

**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](https://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 servomotor to control the steering system and a receiver/transmitter to control the rover

**Website** | [anmassoumi.github.io](https://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 Services08.2024 – 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 Council10.2023 – 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.

Additional Interests: Formula 1 Racing, Soccer, Hiking, Traveling | Languages: English, Beginning Spanish