

Mason Lindsay

Junior aerospace engineering student with a passion for space exploration and satellite control systems. I'm actively seeking internships or research opportunities where I can apply my skills and grow in the aerospace industry.

EDUCATION

University of California, Irvine — *B.S Aerospace Engineering*

September 2023 - June 2027

- Samueli School of Engineering's Aerospace Engineering Program
- MATLAB research project researching energy usage worldwide, displaying findings using MATLAB functionality.
- Curriculum includes thermodynamics, fluid dynamics, and mechanics of structures, complimented by hands-on experience with coding and CAD software.
- Conducted further research on basics of space flight, quasars and supermassive black holes, orbital mechanics and planetary motion.
- Mentored by Prof. Phu Nguyen, a UCI hydrology professor researching annual rainfall using satellite technology and image analysis utilizing machine learning.

INVOLVEMENT

American Institute of Aeronautics and Astronautics

September 2024 – Present

- Paid for membership and newsletters/magazines that describe current happenings in the aerospace industry.
- Networked with employers to gain insight into the industry.
- Toured the Robinson helicopter facility to get insight as to what working in the aerospace industry entails.

Vertical Flight Society

April 2024 - Present

- Networked with key employers and innovators in the aerospace industry at Vertical Flight Society conferences.
- Attended presentations from experienced members in the industry from around the country.
- Planned future conferences with aerospace leaders from around the country.

FRC Team 7042

September 2021 - June 2023

- Designed, built and coded swerve drive drivetrain for our robot.
- Routed and connected wiring in an organized and efficient manner.
- Attained a regional championship leading to admittance to the 2023 International First Robotics Championship.
- Toured the Virgin Galactic manufacturing location in Long Beach.

3753 Rose Avenue

Long Beach, CA 90807

(562) 552-1592

masonal@uci.edu

SKILLS & LANGUAGES

Data Processing/display:

MATLAB, Office 365

Coding: Java, Python

Website development: HTML, CSS

Machine Learning: LLM generation techniques, certified through Coursera

CAD software: SolidWorks

Mechanical: basic assembly and construction skills including soldering and wiring

Organizational: Active code commentary, wire routing

Conversational Japanese

- Received Seal of Bilingualism in Japanese
- National Honor Society for distinguished study in Japanese

WORK HISTORY

UCI Campus Recreation, Team Up! - Facilitator

November 2024 – Present

Reference: Stephanie Daquioag, (707) 373-8263

UCI Dining, Phoenix Food Court-Employee

October 2023 - May 2024

Reference: David Arias, (914)703-2724

