

Gavin Fujimoto

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Portfolio: sites.google.com/view/gavin-fujimoto/home

Skills

SolidWorks | Additive Manufacturing | ANSYS | MATLAB | LaTeX | Arduino | Electronics

Education

University of California, Irvine

Sept 2022 - Jun 2026

- Pursuing a B.S. in Mechanical Engineering and B.S. in Aerospace Engineering
- 3.94 GPA

Related Coursework:

Statics, Dynamics, Circuits, Materials Science and Engineering, Thermodynamics, Computer-Aided Design, Introduction to Engineering Simulations, Mechanical Behaviors

Experience

Project Manager - Design/Build/Fly at UCI

June 2024 - current

- Handled logistics and arranged over 40 interviews during the recruitment cycle
- Determined team structure and development timeline
- Led team meetings

Wing Subteam - Design/Build/Fly at UCI

Sept 2023 - June 2024

- Designed and manufactured an RC plane for AIAA's 28th Annual DBF competition
 - Implemented a rapid folding and locking mechanism using SolidWorks
 - Fabricated balsa frame and wing components
- Placed 23rd of 107 teams overall

Finance Director - American Society of Mechanical Engineers at UCI

June 2024 - current

- Maintained documentation of the chapter's funding and expenses
- Financed club activities by organizing fundraisers and applying for grants

CAD Design and Programming - Autonomous Rover

Jan 2023 - Mar 2023

- Designed a rover capable of autonomously retrieving a payload using imaging and IR sensors
- Implemented and optimized a line-tracking and object recognition program in Arduino
- Placed 4th of 40 teams in timed competition