

Eugene Antone

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Summary

UC Santa Barbara Mechanical Engineering student, rising junior seeking a summer research internship. Experienced in engineering simulations and hands-on projects. Passionate about physics and eager to contribute to a scientific research environment.

Education

UC Santa Barbara

BS in Mechanical Engineering, Expected June 2027

Santa Barbara, CA

Hiroogakuen Jr./Sr. High School

Graduated March 2023, GPA: 4.9/5.0

Tokyo, Japan

Relevant Coursework

Calculus & Linear Algebra, Statics & Dynamics, Mechanics, E&M, Thermal Physics, Modern Physics

Experience

- **Apprentice Mechanic**, Lunch Money Motorcycles May 2024–Current
Santa Barbara, CA — Assisted in repairs, restoration, and customization of motorcycles.
- **Teaching Assistant**, UCSB Machine Shop Apr 2024–Current
Santa Barbara, CA — Instructed students in machining techniques.
- **Intern**, Braid Mar–Apr 2024
Shibuya, Tokyo, Japan — Developed heat transfer simulations using Python.
- **Intern**, Innovation Thru Energy Jan–Aug 2024
Marunouchi, Tokyo, Japan — Conducted heat transfer simulations; contributed to a pending patent.

Extracurriculars & Projects

- **Jumper Project, ME153 (Course Project)** April 2025
UCSB, Santa Barbara, CA — Served as the chief manufacturer on the final iteration of a design for a robot that jumps 4 inches, inspired by Professor Elliot Hawkes' research. Completed the assignment within a week.
- **Alway Motors Experience** Summer 2024
Santa Clara, CA — Gained hands-on automotive experience in maintenance and performance optimization.
- **Gaucha Racing Team (College Club)** 2023–Present
UCSB, Santa Barbara, CA — Designed an electric race car for Formula SAE.
- **Rocket Project (High School Research)** 2022–2023
Hiroogakuen Jr./Sr. High School, Tokyo, Japan — Built a solid-fuel rocket using a gyroscope and Raspberry Pi.
- **Stanford Leadership Camp (College Summer Program)** 2019
Stanford, CA — Presented sustainable hydrogen infrastructure ideas.
- **Choir Team VP & Trombonist (HS/Amateur Club)** 2017–2023
Hiroogakuen Jr./Sr. High School, Tokyo, Japan — Performed in a semi-professional band, including a 2019 jazz session with professionals.