# Jacobi Gunsalus

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## EDUCATION

**University of California, Los Angeles** - *Mechanical Engineering B.S. Degree*

EXPECTED: JUNE 2023

- Technical Breadth in Technology Management, Minor in Public Affairs
- Relevant Coursework: Computer Science I, Linear Algebra, Qualitative Analysis, Thermodynamics, Fluid Mechanics, Statics and Strength of Materials, Materials Science

## EXPERIENCE

**Coco Delivery, Santa Monica** - *Mechanical Engineering Intern*

JANUARY 2021 - PRESENT

- My team and I oversee design (through Solidworks) as well as development and testing of all mechanical components of the CyanBot
- I maintain existing robots, improve on previous designs, and assemble new robots, as well as utilize 3-D printing to fabricate smaller parts in house

**Combat Robotics, UCLA** - *Flagship Team Member*

JUNE 2020 - MARCH 2021

- Used Solidworks to design and implement the electronic and drive train systems for the 15lb flagship "Dorime Ameno" robot, with a focus on the battery and wheels system.
- Recorded and monitored prices for subparts and systems to ensure the robot stayed under budget

**American Society of Mechanical Engineers, UCLA Chapter** - *Social Director*

MAY 2020 - APRIL 2021

- Created and organized UCLA ASME events and retreats such as the Freshmen Welcome and Academic Advising events
- Maintained the UCLA ASME websites, mainly worked on the main page, email sign-up page, and technical project pages
- Managed event budget with the Treasurer, and maintained and analyzed attendance data

**Campinteria at LinkedIn, Carpinteria** - *Camp Counselor*

JULY 2019

- Assisted the Campinteria instructors in helping attendees set up LinkedIn profiles, teaching programming and basics of web development and design using Javascript, HTML, and CSS, and publishing individual websites via GitHub.

## SKILLS

Solidworks, HTML, CSS, Javascript, C++, MATLAB, Python, Spanish, Korean, writing, event management, communications, Blender