

Dylan Truong
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EDUCATION

University of California, Irvine

Irvine, CA

B.S. Mechanical Engineering In Progress | GPA: 3.92

Relevant Coursework

Thermodynamics, Statics, Dynamics, Linear Algebra, Multivariable Calculus, Fluid Mechanics

SKILLS & CERTIFICATES

- [MATLAB](#)
- Solidworks, Solidworks Simulation
- Arduino
- 3-D Printing
- Circuit Analysis and Soldering
- Laser Cutting
- GD&T/Engineering Drawings
- Microsoft Word, Excel, PowerPoint

PROJECTS

Payload Robotics Challenge

Sept 2025 - Dec 2025

- Designed in CAD and assembled an Arduino-controlled robot to move through a set course
- Utilized feedback control in conjunction with servos, solenoids, and pneumatic pistons for motion
- Applied concepts of filtering, circuit analysis, and voltage control via MOSFETs.

Zotbotics @ UCI

Spider-bot Robotics Project

Sept 2025 - Dec 2025

- Developed a small quadruped robot capable of autonomous movement and control
- Assembled and soldered circuits integrating sensors, servos, and a microcontroller for motion control.
- Gained hands-on experience in mechanical design, electronics assembly, and robotic systems integration.

[Solidworks Custom-Built Motorcycle](#)

Sep 2025 - Dec 2025

- Custom-designed and dimensioned motorcycle assembly
- Demonstrated knowledge in assemblies, sub-assemblies, and advanced SolidWorks techniques

Leadership Roles and Extracurriculars

Santa Clara Valley Medical Center

San Jose, CA

Lead Volunteer, Visitor Screener, and Escort

Aug 2023 - Aug 2024

- Supervised other volunteers and allocated them to different positions to meet hospital visitor and patient needs.
- Practiced professionalism, rapid decision-making, and effective communication in a critical healthcare setting

UC Irvine Brazilian Jiu-Jitsu Club

Board Member: Social Media Manager

- Boosted club visibility and member engagement by producing high-quality video content and graphics
- Managed business and social inquiries related to the club

WORK EXPERIENCE

Din Tai Fung

San Jose, CA

Front of House Support

Jan 2025 - Sept 2025

- Delivered food to tables with maintained precision and efficiency in a high-volume environment, ensuring smooth guest service under pressure.
- Demonstrated teamwork and communication skills by turning tables in a quick and efficient manner.

Chicha-San Chen

Cupertino, CA

Barista, Tea Taster, and Cashier

Oct 2023 - Dec 2024

- Managed closing operations, inventory, and workspace sanitization with a focus on procedural compliance.
- Delivered excellent service in a fast-paced setting, refining multitasking and organizational skills.

Central Computers

San Jose, CA

Technician, Sales

Jul 2021 - Nov 2022

- Diagnosed and repaired computer hardware issues, enhancing troubleshooting abilities and technical problem-solving.
- Consulted with customers to assess system needs and build custom PC configurations tailored to user requirements.