

Edwin Crocker

Los Angeles CA

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Education

Los Angeles Trade Technical College

Mechanical Engineering Student

Associate Degree: Visual Communication

Certificate: Visual Communication and CA-GETC

Expected Graduation: June 2029

GPA: 3.3

Skills

Design Software: SolidWorks, Adobe Suite, MATLAB, Fusion 360

Office Software: Microsoft Suite

Certifications: HPR Level 1 Certification, Expected HPR Level 2 Certification By The End Of 2026

Project Experience

National Association of Rocketry | HPR Level 1

September 2026

- Building a rocket using a rocket kit to gain experience in aerospace engineering fundamentals and learn how rocket design works
- Earned National Association of Rocketry Level 1 Certification, showing knowledge in rocket launch and safety requirements as well as assembly.
- Currently working on National Association of Rocketry Level 2 HPR Certification, expected by the end of 2026.

SolidWorks Projects EGD TEK 101 | Engineering Graphics with CAD

September 2025- December 2025

- Learning design and assembly in SolidWorks, as well as learning tolerances and how to read and make blueprints, ready to send to a machinist
- Designing gear threads and learning the correct direction for them to work together, whether counterclockwise or clockwise. Making screws to work with different types of screwdrivers such as Slotted, Phillips, Pozidriv, and Allen keys.

Stock Market HTML

December 2026

- Creating a website/HTML to oversee the stock market in my own format. Learning a bit of code while using AI to help me design the website.
- Separating the sections between Minerals, Health, Technology, etc. As well as giving news that is relevant and isn't paid to be in front of me. As well as tracking the price of oil, gold, silver, platinum, and currencies of different countries.

Work Experience

Equinox(Maintenance)

December 2025 – Current

- Working for the sanitation department and cleaning multiple floors. Cleaning gym equipment, floors, and folding towels, as well as cleaning the locker room.
- Responsible for repairing and maintaining machinery when it broke down, mainly working on cable machines and replacing parts.

Riot Creative Color (Digital Prepress)

May 2024 – September 2024

- Working on artwork and checking for quality and quantity of the artwork. Making proofs for the client to double-check the dimensions and type of paper or material needed.
- Making cutlines using Adobe Illustrator to send to large formats, such as billboards, wall art, or posters. Or sending to small formats for flyers, menus, and business cards

Riot Creative Color (Internship)

February 2024 – May 2024

- Learned how to produce large and small formats, knowing what type of paper is needed depending on the job, whether it was 20, 50, 60, or 90lb paper
- Set up for large format with clear material to print for second surface material.

Club

STEM Club (Treasurer)

September 2026-Current

- Managed the club's finances, set the budget, and raised funds to make sure we had enough money to complete our club project and support members' individual projects.