

Elias Soriano

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EDUCATION

Cerritos College

Associate's of Science, Mechanical Engineering

Norwalk, CA

Aug 2025 - Present

WORK EXPERIENCE

The Aerospace Corporation

Technical Intern

El Segundo, CA

Jun 2025 - Aug 2025

- Prototyped and conceptualized designs as a member of the Mechanical Design Group for an Intern led project to deploy a payload out of a rocket.
- Collaborated with members of my department to assist in the assembly/development of space vehicle projects.
- Mentored 40+ AeroAcademy students, leading workshops and presentations on engineering fundamentals, Arduino, and ground systems.
- Maintained documentation of projects in Confluence to streamline knowledge sharing across the department.

Mathnasium

Instructor

Cerritos, CA

Aug 2024 - Present

- Help plan and create each student's curriculum and ensure their development.
- Collaborate with fellow instructors to manage a room of up to 35+ students through team teaching.

LEADERSHIP & INVOLVEMENTS

Cerritos College Engineering and Technology Club

Member | Lead CAD Drafter & Prototyper

Cerritos College, CA

Aug 2025 - Present

- Collaborate with multidisciplinary team members to design, deconstruct, and assemble competition-ready robots for VEX-U tournaments.
- Develop detailed CAD models for robot subsystems, chassis, and custom mechanical components using industry-standard design practices.
- Fabricate and iterate physical prototypes to validate design performance and tolerances.
- Maintain an engineering notebook documenting design rationale, iterations, testing results, and improvements.

SKILLS

Technical Skills: Onshape (CAD), Java, Python, HTML/CSS

AWARDS & HONORS

Dr. Austin STEM Endowment Scholarship – Finalist

2025

NASA Community College Aerospace Scholars (NCAS) – Scholar

2025

Southern California Conferences for Undergraduate Research (SCCUR) - Presenter

2025