

AERI OSHA

CHECK OUT MY WEBSITE

<https://aeriosha.github.io/portfolio/#/>

CONTACT

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EDUCATION

COLORADO SCHOOL OF MINES |
COMPUTER SCIENCE | CLASS OF
2029

CINCO RANCH
HIGH SCHOOL | CLASS OF 2025
4.4 GPA

STANFORD UNIVERSITY
SUMMER 2024 - CREDIT
GIVEN

IE40M INTRO INTO ELECTRICAL
ENGINEERING
MS&E 75 REDEFINING CREATIVITY

BROWN UNIVERSITY
SUMMER 2023

VISUAL ART WITH QUADROTORs AND
MULTI-ROBOT SYSTEMS

ADVANCED TOPICS IN CAD: FEA, MOTION,
AND COMPLEX ASSEMBLIES

SKILLS

Programming: Proficient in Python, Java, HTML, CSS, JavaScript, React/ReactNative

Hardware & Fabrication:
Experience with mill, lathe, CNC machining, SolidWorks, and 3D printing

EXPERIENCE AND LEADERSHIP

Researcher with CURIE Project | 2026

- On two person team building multi-sensing system in the underground lab using Arduino and RPI that synchronizes data to a live online display and records it for offline analysis

Mines IT Service Desk Worker | 2026

- Providing technical support and hardware troubleshooting for campus students and faculty.

Tutor, Tutor Doctor of Katy | 2025

- Provides in-home math and science tutoring for elementary through high school students.

Vice President of Safety, FRC CRyptonite Robotics Team | 2021–2025

- Led safety training for 60+ team members and implemented safety protocols year-round.
- Received FRC All-Star Safety Award (2024).
- Organized and led STEM camps for elementary/middle school students.

Shooter Mechanism Sub-team Lead:

- Oversaw design and execution of a custom robot shooter mechanism.
- Delegated tasks and mentored new members.

CLUBS

Creative Arts Club, Officer | 2025

- Help prepare the art studio for weekly meetings

Volunteer Tutor, Homework Buddies through KCM | 2022–2024

- Tutored students weekly in core academic subjects.

National Honor Society (NHS) | 2023–2025

- Contributed 40+ volunteer hours through academic tutoring and community service.

Future Business Leaders of America (FBLA) | 2023–2024

- Treasurer: Managed club funds, organized and participated in networking events.

Dare to Wear Fashion Club | 2021–2025

- Participated in design showcases and creative planning sessions.

Fiber Arts Club | 2021–2024

- Assisted in teaching crochet and embroidery during biweekly