# David Li

## EDUCATION

**Camas High School**

- **Math Science and Technology (MST) Program**
    - Collaborated with group members to successfully conduct a year-long research project on bird detection with radar and camera.
    - Wrote full length research paper with literature review
    - Designed posters and presented findings in SEF fairs and MST poster fair.
- **Current GPA (unweighted):** 4.0

## ACTIVITIES

**Camas Coding Club – VP**

*Sep 2022 - Present*

- Promoted and advertised club during club fair
- Helped organize coding related workshops

**Ham Radio Club - VP**

*Dec 2023 - Present*

- Led development of DIY Raspberry Pi-based APRIS packet radio system

**Science Olympiad - Member**

*Sep 2020 - Present*

- Collaborated with teammates in events to compete in various competitions
- Lead student events in elementary science camps
- Co-wrote Science Olympiad B-division Camas invite, regional and state test for "Optics" event

**MST Program ASB - Student representative**

*Sep 2022 - Present*

- Helped organize various social events and communication between student & teacher

**Automatic Sporophyte Algae Production (Team ASAP) - Member**

*Nov 2023 - Present*

- Collaborated on a proposal for an automated system for algae sporophyte production.
- Selected as finalist for Department of Energy AlgaePrize competition with $10k grant.

## AWARDS

- Total of 14 Science Olympiad medals in various tournaments in 2023-24 year(State: three 2nd place, one 3rd place)
- 2024 ISEF Finalist
- SW Washington Science & Engineering Fair: 1st Place Trophy + 3 Special Awards from: US Air Force, National Geographic & U.S. Agency for International Development
- Washington State Science Fair: 1st Place Trophy & Norman E. Borlaug Excellence in Environmental Sustainability Award

## SKILLS

- Python, Embedded C, C++, Java, HTML/CSS/JS
- 3D-printing and CAD design (Fusion 360)
- Circuit and PCB design (Altinum Designer)