

EDUCATION

Skyview High School, Vancouver, WA

- **GPA:** 4.415 weighted, 4.0 unweighted
- **Test Scores:** SAT: 1540. AP: 8 scores of 5 (Chemistry, Physics, Research, Calculus AB, Biology, English Language and Composition, World History), 1 score of 4 (Seminar)

University of Washington, Seattle, WA

- Admitted to the University of Washington's Honors Engineering Program, **double majoring in economics.**

WORK EXPERIENCE

FIRST Robotics Competition (FRC) Teams 2811 & 9567

Program Captain and Design Lead

2021 - 2025

- Directed 80-student robotics program. Managed build teams, established gameplay strategies, oversaw robot design, and coached the Student Leadership Team.
- Designed and manufactured key subsystems, including a 2-stage linear elevator with a pivoting arm and an articulating projectile launcher with an integrated pass-through.
- Under my leadership, team 2811 placed 2nd in the Pacific Northwest and became alliance captains at the World Championships in Houston.

C2 Dynamics

Co-founder

2020 - 2024

- Developed automated storage systems (ASRS) for organizing residential buildings with robotics.
- Assembled a board of directors of local business leaders, hired an engineering team, pitched to investors, ran a round of financing, and drafted patents.
- Handled capitalization structure, forecasting, and finances.
- Designed and assembled all mechanical systems, including a linear gantry, custom storage containers, and lifting mechanisms.

Allison Engineering

Intern

Summer 2025

- Upgraded an industrial 3D-printer to have two toolheads. Implemented firmware and customized control systems.

AWARDS AND HONORS

- SMT Magnet Program Outstanding Senior award (2025), SMT Departmental award (2025), Payton May Outstanding Student in Leadership and Service (2025), Orchestra Departmental award (2025), Skyview Citizenship award (2025)
- Maestro Award at the Anaheim International Heritage Festival (2024)
- FIRST Robotics Competition Awards: Quality (x3), Impact, Excellence in Engineering

ADDITIONAL INFORMATION

- Lead Researcher, Skyview SMT Program: Evaluated AI's capabilities in mechanical engineering; Analyzed the energy absorption of different foam types for FIRST Robotics.
- Concertmaster of Skyview High School's advanced orchestra. Assistant Concertmaster during the Metropolitan Youth Symphony's international tour to Iberia (2024).
- Stand with Ukraine – ran fundraisers to support medical efforts in Ukraine.