

Owen Parks

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EDUCATION

University of Washington

Seattle, WA

Bachelor's of Science, Materials Science and Engineering,

Minors in Chemistry & Applied Mathematics

Sept 2024 — June 2027

- Cumulative GPA: 3.4/4.0
- Relevant Coursework: Engineering Statics, Intro to Engineering Design, Thermodynamics, Materials Science Undergraduate Labs I II & III, Organic Chemistry I II & III, Scientific Computing (3.9), Linear Algebra (3.7), Advanced Multivariable Calculus, Probability and Statistics (3.6), Programming I (3.8)

PROJECTS

Researcher, Boeing Corrosion Case Study

Sept 2025 — Dec 2025

- Researched corrosion mechanics under mentorship from the Boeing engineers.
 - Developed and ran experiments, analyzed data, and conducted research for corrosion mitigation in practical application.
 - Recommended feasible methods of limiting corrosion such as coatings, material choice, galvanization, etc. and made a final proposal based on cost, lifespan, and maintenance requirements.
- Presented findings to panel of Boeing engineering team for viability of product implementation.

WORK EXPERIENCE

General and Organic Chemistry Tutor

Jan 2025 — Present

Self Employed

Seattle, WA

- Assisted students in concurrent and previously completed chemistry courses.
- Held one-on-one learning sessions and test reviews resulting in increased test scores for majority of students.

Barista

Apr 2024 — Sept 2024

Wake Up Call Coffee Co.

Walla Walla, WA

- Prepared and served quality drinks in a timely manner reducing average wait time from 5 to 3 minutes.
 - Implemented more efficient work flow set up and work distribution.
- Handled customer interactions such as greeting customers and taking orders.
- Took care of cash and credit card transactions while working collaboratively in a fast-paced environment.

Intramurals Co-Coordinator

Dec 2022 — June 2023

Walla Walla University

Walla Walla, WA

- Collaborated in planning and organizing university wide intramural activities.
- Created schedules and managed tournaments with 150+ participants.
- Handled emergency situations including injuries, escalated disagreements, etc. to ensure event coordination.

Camp Counselor | Lifeguard | Skateboard Instructor

Summer 21' & 22'

Camp MiVoden

Hayden, ID

- Supervised and mentored young campers ensuring their safety and enjoyment during their stay
- Maintained a safe waterfront environment, enforced facility rules and responded to emergencies
- Crafted and taught an original skateboarding lesson plan for campers of all ages, efficiently improving their skills

EXTRACURRICULAR ACTIVITIES

Husky Cycling Team

Sept 2025 — Present

- Raced category 3 cyclo-cross for the 25' season with multiple top 20 finishes
- Participated in WSBA sanctioned category 3 criterium races during Summer 25'

SKILLS

- **Programming Languages:** Matlab, Python, LaTeX, Typst, Bash
- **Technologies:** Microsoft Windows & Suite, macOS, AutoCAD, Solidworks (CSWA - Academic Certification), Mnova, Arduino IDE