

# Sonoma K. Miller

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## EDUCATION

### University of Washington

Seattle, WA

*Bachelor of Science in Informatics*

September 2022 - June 2026

**Relevant Coursework:** Statistics, Skills for Data Science, Web Development, Intermediate Computer and Data Programming, Databases and Data Modeling, Financial and Managerial Accounting, Intermediate Microeconomics and Macroeconomics

- Study Abroad: Travel Writing in Rome, Italy - Autumn 2022
- Dean's list - Autumn 2022, Autumn 2023, Spring 2024
- Published "Airbnbs Near Our National Parks: Trash or Treasure?" in *The Economist* - Spring 2024

### Glendora High School

Glendora, CA

*High School Diploma, AP Capstone Diploma*

August 2018 - May 2022

- 4.2 Cumulative Weighted GPA
- AP Capstone Diploma granted for design and conduct of qualitative research - Spring 2022
- AP Scholar with Distinction for scores of 3+ on 5+ exams - Spring 2021, Spring 2022
- Student of the Semester - Autumn 2019

## WORK EXPERIENCE

### University of Washington

Seattle, WA

*Research Assistant Project Lead*

September 2024 - December 2024

- Conducted comprehensive analysis of CSE 163 (Intermediate Data Programming) survey data, contributing to Jupyter notebooks and lecture content in order to improve computing accessibility education for CSE 163 and CSE 373 under Professor Kevin Lin.

### University of Washington

Seattle, WA

*Undergraduate Research Assistant*

October 2023 - Present

- Collaborated with Dr. Brittney Hultgren and Ben Zhang to lead wireframing and prototyping design (Figma) of alcohol intervention modules for a psychological study focused on analyzing decision-making processes during drinking and transforming collected data into actionable programs distributed to participants.

### Electronic Arts

Seattle, WA

*Brand Partnerships Intern*

June 2024 - September 2024

- Interpreted the value of foundational and activations partnerships in EA Sports marketing campaigns through collaborations with key stakeholders and utilizing analytics through Zoomph and Marketboard, bringing an estimated social value of over \$5.6M to the company through partnership work.
- Developed and delivered organized, intuitive materials and systems (e.g. timelines, databases, reports) using Canva, Figma, and Google Workspace to support the partnerships team before, during, and after the launch of three game titles.

### Sheraton Grand Seattle

Seattle, WA

*Barista*

June 2023 - November 2023

- Proactively engaged with diverse clientele to deliver exceptional customer service at the world's largest hotel chain while adeptly addressing real-world challenges.

### Nambah Coffee Co.

La Verne, CA

*Barista*

May 2022 - August 2022

- Thrived in the dynamic and fast-paced startup ecosystem, consistently demonstrating adaptability and a forward-thinking approach.

## LEADERSHIP & INVOLVEMENT

*Felidae Conservation Fund, Data Entry Volunteer*

March 2024 - Present

- Entered wildlife conservation data and provided clean, organized datasets for analysis, aiding in the development and refinement of machine learning algorithms aimed at enhancing wildlife conservation strategies.

**UW Hyperloop, Business Sector Lead**

**October 2023 - Present**

- Strategically enhanced the marketing efforts of our engineering club, increasing social media engagement by 592% and reach by 245% since joining.
- Skillfully maintained comprehensive financial records of over \$15k and efficiently managed project resources.
- Utilized creative design talents to develop and produce club merchandise for 33 members, strengthening our club's brand identity and supporting fundraising initiatives.
- Spearheaded oversight of the business subgroup, administering collaboration among cross-functional teams to plan meetings, delegate tasks, and ensure quality of work while consistently meeting deadlines.

**Husky Robotics, Head of Design**

**March 2024 - September 2024**

- Designed and maintained huskyrobotics.me, our club website, through Squarespace.
- Led the implementation of financial platforms across the entire team.

**UW Investment Group, Financial Analyst**

**October 2023 - March 2024**

- Conducted in-depth equity research and valuation analysis, contributing to the formulation of well-informed and compelling stock pitches in a collaborative \$60k portfolio.
- Leveraged financial modeling and analytical skills to support investment recommendations, fostering a culture of data-driven decision-making and profiting; generated average ROI of 15%.
- Actively absorbed industry knowledge, networked with professionals, and stayed current with emerging trends, augmenting my understanding and proficiency in the field.

**Artist**

**January 2015 - Present**

- Illustrated digital images for "A Platypus Puss," a published children's book sold worldwide.
- Won Sweepstakes Award for Teen Sewing at the LA County Fair (2019).
- Awarded California Arts Scholar from the California State Summer School of Arts (CSSSA) in 2021, a rigorous pre-professional arts program.
- Interdisciplinary visual arts including drawing, painting, animation, ceramics, and dance at various academies in California and Washington.
- Illustrated senior edition cover of *Tartan Shield* in 2022, distributed to 2,500 students.
- Displayed and sold original paintings in public exhibitions "Art After Dark" (2019) and "Pieces of Yourself" (2023).

**Real Life LA, Executive Childcare Volunteer**

**August 2015 - September 2022**

- Crafted and delivered weekly lessons to a diverse range of children, spanning from infants to elementary-aged students, in support of our children's ministry.
- Demonstrated strong leadership practice by effectively overseeing and coordinating a team of 30 dedicated volunteers.

**ADDITIONAL INFORMATION**

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**Skills:**

- Data Analysis and Programming (Python, R, SQL, Java), Visual and UX/UI design (Figma, Webflow, Canva, Squarespace), Full Stack Web Programming (HTML, CSS, JavaScript), Google Suite, Microsoft 365, Research Design and Administration, Clinical Research Practice (HIPAA, GCP), Project Management (Slack, Teams, Asana, Jira, Miro), fluent English.
- Punctuality, organization, experience in both a corporate and startup environment.

**Interests:** Hiking and backpacking, listening to music, gardening and foraging, cooking and baking.