

Sonoma K. Miller

Seattle, WA • sonomamiller00@gmail.com • (626) 736-8445 • [linkedin.com/in/sonoma-miller/](https://www.linkedin.com/in/sonoma-miller/)

EDUCATION

Bachelor of Science in Informatics

Seattle, WA

University of Washington

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
- Published "Airbnbs Near Our National Parks: Trash or Treasure?" in *The Economist* - Spring 2024

WORK EXPERIENCE

Data Programming Teaching Assistant

Seattle, WA

Paul G. Allen School of Computer Science & Engineering

December 2024 - March 2025

- Guiding over 200 students in mastering Python programming and core data science concepts through section leadership, office hours, debugging support, and grading feedback on assignments and assessments.
- Collaborating with Professor Kevin Lin and a community of TAs to design engaging, accessible curriculum and clear rubrics for CSE 163.

Research Assistant Project Lead

September 2024 - December 2024

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

Brand Partnerships Intern

Seattle, WA

Electronic Arts

June 2024 - September 2024

- Collaborated with key stakeholders and utilized analytics dashboards, bringing an estimated social value of over \$5.6M to the company through partnership work.
- Developed and delivered engaging, intuitive materials and systems (e.g. timelines, databases, reports) to support the partnerships team before, during, and after the launch of three game titles.

UI/UX Research Assistant

Seattle, WA

University of Washington

October 2023 - December 2024

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

LEADERSHIP & INVOLVEMENT

Data Entry, *Felidae Conservation Fund*

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.

Business Sector Lead, *Washington Tunneling*

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.

Financial Analyst, *UW Investment Group*

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 - December 2023

- 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).

SKILLS

Programming Languages: Python, R, SQL, HTML, CSS, JavaScript (Including Node.js, Express, Bootstrap, React, Vite), Java.

UI/UX Design: Figma, Webflow, Canva, Squarespace, Google Suite, Microsoft 365.

Research: Clinical Research Practice (HIPAA, GCP)

Project Management: Slack, Teams, Asana, Jira, Miro

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