Sonoma K. Miller

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

EDUCATION

Bachelor of Science in Informatics - Data Science   **Seattle, WA**
University of Washington   *Expected March 2026*
- 3.5 Cumulative GPA
- Study Abroad: Travel Writing in Rome, Italy - Autumn 2022
- Published "Airbnbs Near Our National Parks: Trash or Treasure?" in *The Economizer* - Spring 2024

Relevant Coursework: Data Science, Python Data Analysis, Computer & Data Programming, Statistics, Databases & Data Modeling, Web Development, Design Methods, Research Methods, Financial and Managerial Accounting

WORK EXPERIENCE

Software Engineering Intern - Data Science and Analytics   **Palo Alto, CA**
Rivian and VW Group Technologies   *June 2025 - September 2025*
- Performing exploratory data analysis (EDA) to identify patterns and trends in Rivian fleet data.
- Developing and testing SQL-based DBT models & statistical algorithms for the Core Data team.
- Utilizing Tableau and Databricks to create dashboards, reports, and visualizations about the company-wide data ecosystem.

Informatics Teaching Assistant   **Seattle, WA**
UW Information School   *March 2025 - Present*
- Creating and managing TA resources with Google Suite in order to streamline course material access for a team of 9 TAs.
- Leading weekly lab sections, fostering engagement through interactive instruction of 15 students.
- Designing, administering, and grading exams and project specifications for 100 students.

Data Programming Teaching Assistant   **Seattle, WA**
Paul G. Allen School of Computer Science & Engineering   *December 2024 - Present*
- Guiding 285 students in mastering Python programming and core data science concepts.
- Collaborating with professors and a community of TAs to design 10 weeks of engaging, accessible curriculum covering data structures, visualization, and maching learning concepts for the data programming class.

Research Assistant, Project Lead   **Seattle, WA**
Paul G. Allen School of Computer Science & Engineering   *September 2024 - December 2024*
- Contributed to Jupyter notebooks and lecture content using sonification and the Python library matplotalt in order to improve computing accessibility education by visualizing graphs with sound and alt text.

Brand Partnerships Intern   **Seattle, WA**
Electronic Arts   *June 2024 - September 2024*
- Utilized Zoomph and Marketboard analytics dashboards, bringing an estimated social value of over $5.6M to the company through partnership work.
- Collaborated with data and marketing teams to develop and deliver timelines, databases, and reports to support the partnerships team during all phases of three game titles.

UI/UX Research Assistant   **Seattle, WA**
University of Washington   *October 2023 - December 2024*
- Used Figma to lead wireframing and prototyping design for a psychological study focused on analyzing decision-making processes during drinking.
- Transformed collected data into 8 actionable alcohol intervention modules distributed to participants.

LEADERSHIP & INVOLVEMENT

Data Entry, *Felidae Conservation Fund*   **March 2024 - Present**

- Entered wildlife conservation data and annotated over 800 images for analysis, aiding in the refinement of machine learning algorithms aimed at enhancing wildlife conservation strategies.

Business Sector Lead, *Washington Tunneling*   **October 2023 - March 2025**
- Managed 5 people on the business subteam, cross-platform marketing with 2,000+ followers, finances of over $25k, and maintenance of the club website.
- Positioned 40 members for success in the international Not-A-Boring competition, resulting in 1st place global award in the 2025 Cutterhead Mini Competition.

Artist   **January 2015 - December 2023**
- Displayed and sold 7 original paintings in public exhibitions "Art After Dark" (2019) and "Pieces of Yourself" (2023).
- Illustrated senior edition cover of *Tartan Shield*, distributed to 2,500 students (2022).
- Awarded California Arts Scholar from the California State Summer School of Arts (CSSSA) (2021).
- Illustrated digital images for "A Platypus Puss," a published children's book sold worldwide (2020).
- Won Sweepstakes Award for Teen Sewing at the LA County Fair (2019).

SKILLS AND CERTIFICATIONS

Programming Languages: Python, R, SQL, Java, HTML, CSS, JavaScript (Node.js, Express, Bootstrap, React, Vite).
Tools: SQL, Tableau, Databricks, Hex, Figma, Azure DevOps, Miro, Jira, Excel, PowerPoint.