

Sterling Miller

San Mateo, California | 650-678-1758 | stermiller11@gmail.com

EDUCATION

University of Oregon

Bachelor of Science in Computer Science, Minor in Psychology

GPA: 3.22 | Expected Graduation: June 2025

RELEVANT SKILLS

- Proficient knowledge of Python, C, and C++.
- Knowledge of Linux / Unix operating systems.
- Experience using version control systems such as git.
- Good leadership and organizational skills.
- Passionate and motivated to learn.
- Works well independently and with people of various professional levels.

PROJECTS

DogLog – Dog Training Progress Tracker ([GitHub](#))

- Developed an intuitive web application to track your dog's health and wellness, enhancing the user experience with structured record-keeping.
- Built using React, Vite, Firebase, Material-UI, and Leaflet, the application features a custom Material-UI theme, secure authentication and database management with Firebase, and interactive mapping powered by react-leaflet.

1.5FA Demo – QR Code Authentication and 2FA ([GitHub](#))

- Developed a secure web application demonstrating QR code authentication and two-factor authentication.
- Built using Next.js, Drizzle ORM, Neon Postgres, Tailwind CSS, and NextAuth.js, the application features secure authentication, database management, QR code integration, and responsive UI design.

WORK EXPERIENCE

Blue Planet-Green Power & Water, Inc.

System Maintenance & Repair Engineer - Seasonal

Redwood City, CA

June 2018 – August 2025

- Performed routine maintenance and troubleshooting on water filtration systems.
- Diagnosed issues and executed intermediate electrical and plumbing repairs to restore system functionality.
- Assisted in developing maintenance schedules to improve system reliability.

Central Computers

Sales Associate – Part Time

San Mateo, CA

April 2020 – September 2021

- Provided technical support and product recommendations for general and corporate customers.
- Effectively communicated complex technical concepts to customers of varying expertise.
- Assembled and tested computer systems to ensure quality performance.
- Assisted with visual merchandising to enhance sales.

Trader Joe's

Crew Member – Part Time

San Mateo, CA

January 2019 – August 2019

Eugene, OR

September 2019 – December 2020

- Maintained store cleanliness, organization, and efficient operations.
- Managed inventory, restocked shelves, and optimized product availability.
- Provided fast, friendly customer service while handling transactions accurately.
- Adapted to shifting priorities in a fast-paced retail environment.
- Assisted with merchandising, stocking, and setting up product displays.

REFERENCES: Available upon request