# Sterling Miller

1014 Sunnybrae Blvd,
San Mateo, CA    |  (650) 678-1758   |   stermiller11@gmail.com   |   www.linkedin.com/in/stermiller11

## SKILLS:

- **Proficient in Python and JavaScript/TypeScript for application development.**
- **Strong foundation in data structures, algorithms, and object-oriented programming.**
- **Experience developing full-stack web applications using React, Next.js, and Node.js.**
- **Proficient with Git/GitHub for version control and collaborative development.**
- **Experience with relational and NoSQL databases, including PostgreSQL and Firestore.**

## EDUCATION:

**BACHELOR'S DEGREE IN COMPUTER SCIENCE**                    October 2019 - June 2025
University of Oregon, Eugene, OR

## WORK EXPERIENCE:

**Events Valet - Part Time**                    October 2025 – Present
All About Parking, San Mateo, CA

- Safely parked, retrieved, and operated customer vehicles while conducting key audits and handling valet tickets and equipment.
- Provided customer service by greeting guests, answering questions, and assisting with directions, luggage, wheelchairs, and concierge needs.
- Maintained smooth station operations by managing traffic flow, keeping work areas organized, and completing daily logs, reports, and activity documentation.

**Sales Associate – Part Time**                    April 2020 – September 2021
Central Computers, San Mateo, CA

- Effectively communicated complex technical concepts to customers of varying expertise.
- Delivered technical support and solution-based recommendations for custom computer builds and IT hardware.
- Assembled and tested computer systems to ensure quality performance.

**Crew Member – Full Time / Part Time**                    January 2019 – December 2020
Trader Joe's, San Mateo, CA / Eugene OR

- Managed inventory, stocked shelves, and optimized product availability.
- Provided fast, friendly customer service while handling transactions accurately.
- Adapted to shifting priorities in a fast-paced retail environment.

**System Maintenance & Repair Engineer - Seasonal**                    June 2018 – August 2024
Blue Planet-Green Power & Water, Redwood City, CA

- Conducted diagnostic testing and performed repairs on automated water filtration systems, system-level problem-solving and root cause analysis.
- Executed intermediate-level electrical and plumbing repairs, using mechanical and technical troubleshooting approaches.
- Assisted in the design of preventative maintenance schedules, improving operational reliability.

## PROJECTS:

**DogLog – Dog Training Progress Tracker (GitHub)**

- Developed an intuitive web application that tracks pets health and wellness with a structured record-keeping feature that enhances functionality and user experience.
- Built using React, Vite, Firebase, Material-UI, and Leaflet, the application features a custom theme, secure authentication and database management, and interactive mapping.

**1.5FA Demo – QR Code Authentication Vs. Email Authentication (GitHub)**

- Developed a secure web application demonstrating differences in QR code authentication verses email 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.