

Sean Letzer

📍 Los Angeles, CA, USA

✉ seanletzer@gmail.com

📞 (818) 224-9948

🌐 [sletzer](#)

🔗 [sletzer](#)

Objective

Looking to bring my expertise in embedded systems alongside a fluid mix of soft skills and technical skills to a team that values collaboration and innovation.

Experience

Canoga Perkins, Software Engineering Manager

Chatsworth, CA, USA
Apr 2023 – May 2025

- Led a team of 4 Embedded Software Engineers (1:1 meetings, code reviews, mentoring) in a team called **Diagnostics**.
- Led SCRUM ceremonies (Daily Standups, Sprint Planning, Sprint Retrospectives).
- Created user stories, epics, and tasks that aligned with the product roadmap.
- Worked with Product Management to define the product roadmap and prioritize features.
- Created career development plans for team members.
- Created software architecture documents for new features.

Google, Customer and Partner Engineer

Playa Vista, CA, USA
Oct 2022 – Mar 2023

- Understand product area partner/Original Equipment Manufacturer (OEM) use-cases, distilling them into product requirements and implementation.
- Support enablement of third-party labs for automated and manual device certifications.
- Define experiences that realize requirements and build the necessary pieces working with key platforms and partner devices.
- Identify opportunities to improve scaled solutions to more device categories.
- Drive technical execution of strategic partner relationships within Google and launch third-party products.
- Support partners in product feature definition, implementation, pre-test, and production.
- Support partners to develop and customize features.
- Work with product area Engineering sub-teams to get features built and implemented.
- Support SoC partners, bring up, and development.
- Assist System Integrators, Original Design Manufacturers (ODMs), and Distributors in scaling products.

Canoga Perkins, Software Engineer

Chatsworth, CA, USA
Apr 2020 – Sept 2022

- Developed/maintained an application that ran on a Time-Sensitive Network Switch written in C.
- Developed a Linux device driver for a custom FPGA image on the Time-Sensitive Network Switch.
- Created/customized a Linux distribution via Yocto that was the main embedded-OS that ran on the Time-Sensitive Network Switch.
- Created DevOps pipelines for said projects using Gitlab's CI/CD framework written in YAML.

Panasonic Avionics Inc, MTS 2 Software Engineer

Lake Forest, CA, USA
Mar 2016 – Oct 2019

- Developed/Maintained a File Delivery application written in C/C++ that was responsible for pushing a large file-set over a Multicast UDP stream to hundreds of seat-back monitors of the InFlight Entertainment System.

- Developed/Maintained a loading application in C++/QT for use by Field Engineers to load initial software set to the plane in a factory-fresh state.
- Dockerized build environments for said apps and integrated them into Gitlab CI pipeline.

Skills

Programming Languages (Proficient): C/C++, Java, Python, Bash

Programming Languages (Familiar): Expect Script/TCL, Python, QML/QT, YAML

Databases: MySQL, Sqlite3, Redis

Platforms & OS: Linux, Android, Docker, Yocto

Debugging & Network Analysis: GDB, Valgrind, Tcpdump, Wireshark

Web Technologies: Java EE, Apache Tomcat, Spring, JSP, JDBC, RESTful

Source Control: Git, SVN, Gitlab

Static Analysis & Code Review: Codebear Collaborator, Klockwork, Coverity

Security: SELINUX, TLS, Linux PAM Module

Toolchains: GCC, Bionic NDK, Crosstool-ng, Buildroot, Yocto

Education

B.S. University Of California, Irvine, Computer Science

June 2016