Benjamin Lewis

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Profile

San Francisco State University graduate outfitted with a Bachelor of Science in Computer Science. In-depth knowledge and use of multiple High-Level languages that are written at industry quality. Extreme attention to detail and ability to multitask within fast-paced environments. Looking to work with a company that is developing new, and improving existing, computer-based technologies, systems, and solutions.

Experience

SOFTWARE ENGINEER | SERES EV | FEB. 2021 - PRESENT

· Member of the Intelligent Connectivity Team responsible for contributing to the HMI (Human-Machine Interface).
· Creating and maintaining Over-The-Air services for electric vehicles ECUs; implement debug logs, MQTT/ JSON cloud communication, and CAN bus filtering.
· Help design and improve upon OTA subsystem standards for firmware download and update services.
· Developing multi-threaded, multi-process programs using the C/C++11 languages for embedded systems.

SOFTWARE ENGINEER INTERN | SERES EV | OCT. 2020 – FEB. 2021

· Writing solutions for tasks issued through the subsystem standard using the C language.
· Constructing shell scripts for third-party libraries on host x86 systems cross-compiled for target ARM architecture.
· Cooperate workflow using Jira, Confluence, and git (Bitbucket).

ASSOCIATE ENGINEER | ITC SERVICE GROUP | MAY 2014 – AUG. 2014

· Responsible with blueprinting LCP (Local Convergence points) for fiber optic placement.
· Used google mapping systems aligned with uniform drafting sheets to measure conversion and progress logging.
· QA engineer for LCP designs by tracking issues and identifying solutions with measurements.

Education

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | DEC. 2020 | SAN FRANCISCO STATE UNIVERSITY, SAN FRANCISCO, CALIFORNIA

Skills & Abilities

· C
· Modern C++
· Java
· Python
· Technical Writing
· Object-Oriented Programming
· Procedural Programming
· Embedded Systems
· Algorithms
· Scripting