

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

- Responsible for contributing meaningful solutions to the HMI (Human-Machine Interface).
- Writing and improving programs used for Over-The-Air services for electric vehicles.
- Creating and maintaining firmware download and update services for electric vehicle ECUs.
- Developing scalable and robust software using the C and C++ languages.
- Constructing shell scripts for third-party libraries compiled for arm architecture.

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

- Writing solutions for tasks issued through the subsystem standard using the C language.
- Unit testing software from physical vehicle T-box (Telecommunications Box), triaging issues, documenting outputs, and applying solutions.
- Developing Over-The-Air services for a CAN network.

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