Alex Allen
Software Engineer

San Francisco, CA 🏠
267-441-8774 📞
325@holbertonschool.com ✉
linkedin.com/in/allen-codes in
github.com/sanjurosaves 🌐

Summary: Consummate professional with incredible work ethic who loves coding, testing and debugging programs. Efficiently learns and implements new skills, generates quality technical documentation, designs coherent software, and writes unit test cases. Emphasizes software design that puts the user experience first. Trained as a full-stack developer, and comfortable across embedded, desktop, and web application projects. References available upon request.

Projects

CHAMELEON audio transcoder
- Linux app to easily convert audio files between formats and compression schemes;
- Includes homemade adaptive differential PCM compression algorithm;
- Rare audio app coded in C;

AirBnB Platform Replica
- Integrates Python, Flask, JSON, MySQL, Javascript, HTML, and CS
- Includes buildout of a RESTful API;

Monty ByteCode Interpreter
- Interprets ByteCode files of Monty scripting language;
- Extensive use of stacks and queues in C language;

Skills

- C
- Java
- HTML
- Javascript
- MySQL
- Amazon Web Services
- REST APIs
- Python
- Ruby
- CSS
- Linux
- Docker
- Kubernetes
- Git

Education

01/2018 – PRESENT
Full-Stack Software Engineering / Holberton School, San Francisco, CA

With a 3% acceptance rate, this highly selective software engineering school has an intensive and challenging two-year program. The school takes a project-based approach to learning and has a cutting-edge curriculum set by industry leaders. In lieu of a BS, the Holberton Foundations Curriculum prepares students to contribute outstanding software design to the industry

Experience

02/2010 – 07/2019
Operations Manager II / FedEx Ground, South San Francisco, CA

• Led facility's safety programs, resulting in 35% YOY reduction of injuries;
• Championed district's sustainability efforts, ensuring EarthSmart certification of 10 Bay Area facilities;
• Managed day-to-day sort operations, supervising up to 50 employees at a time;
• Reduced load-lane re-handle by 800%.