

Embedded Software Engineer

Position Responsibilities and Expectations

(May 4, 2021)

Overview

The Software Engineer role is critical for continued company growth at Skip-Line. This position provides innovative new ideas and adds productivity power to the Development department. Continued company growth relies heavily on competent software development.

This role directly affects the customer relationship with Skip-Line:

- When software is reliable and performs as expected.
- When software is easy to use.
- When features are properly documented for customer perspective.
- When products are easily configured by Production Technicians.
- When feature development can be predictably scheduled.
- When products can be modified quickly to meet customer needs.

The Sr. Manager of Embedded Software supervises this position.

Essential Functions

Required:

- Minimal of 3-5 years of experience of Embedded Engineering or similar role
- BS degree in Computer Science or Engineering
- Strong understanding of C and C++
- Experience with bare metal firmware development and embedded Linux
- Experience with version control systems (Git and SVN)
- Eye for design and attention to detail
- Self-starter, highly motivated, and capable of working with little or no supervision
- Passionate in software development, takes ownership and pride in their work

Preferred:

- Experience with Python
- Experience with Qt
- Experience writing documentation
- Familiarity with CANbus
- Familiarity with Agile/Scrum

Experience that will impress us:

- Experience with Buildroot and Yocto
- Linux kernel development experience
- Familiarity with implementing field-updating of device firmware
- Experience developing with FPGAs
- Interpret electronic schematics
- Can operate a multimeter and oscilloscope

Responsibilities

The principal responsibilities of the Software Engineer are:

- Write maintainable, extensible, portable code.
- Work with the Senior Embedded Manager, Project Manager and Software Engineers to develop new features and internal software.
- Assist the support and production teams to troubleshoot, debug, and upgrade existing systems.

Additional responsibilities include:

- Follow Skip-Line development guidelines and procedures. This includes, but is not limited to:
 - Following Skip-Line code style and commenting guidelines
 - Using version control and issue tracking software
 - Participating in code review
 - Writing product documentation for customers and/or internal use
- Protect Skip-Line intellectual property and proprietary information by keeping code and internal documentation/ procedures confidential
- Assist with internal IT tasks

Benefits

We offer a full range of benefits such as medical and dental insurance, paid holidays, 401K, paid training, and other benefits.

Salary Range

Based on Experience

How to Apply:

Submit your Resume and Cover Letter:

Email: hr@skipline.com;

Mail: Skip-Line
Attn: Human Resources
10514 N. McAlister Road
LaGrande, OR 97850



APPLY TODAY!

Email resume and cover letter to hr@skipline.com