

2018-SW-02 : Linux Programmer (Platform Drivers)

Monday, April 2, 2018 5:39 PM

Job Responsibilities:

Successful candidate will work on Linux platform porting and BSP development across different SoC products. This role demands good understanding of Linux operating system and expertise in platform drivers. Should be able to work on complex projects and with minimal guidance. Work experience in Yocto build system is a must for this job role. Job responsibilities also include working on u-boot development.

Programming skills:

- Strong C & C++ programming skills
- Linux commands & Shell scripting
- Linux driver programming
- Linux user-space application development
- Knowledge in algorithms and data structures
- Good debug skills & usage of hardware debug tools

Platform experience:

- Porting Linux on to custom designed boards
- Development experience in Yocto build infrastructure
- Development experience in U-boot
- knowledge of microprocessors, microcontrollers & networking
- Good understanding of boot process, interfacing peripherals, clock and interrupts
- Working with system services, events & messaging
- Working with Make, GCC cross-compilers & libraries

Other desirable skills:

- Version control, code review & documentation techniques
- Knowledge of python & Java

Experience: 2 to 4 years

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