

To Apply for This Position:

Create an email with subject title “Embedded Software Engineer”, email a copy of your resume to jessica@princetechnology.com

Location Address: ALLEN PARK, MI,48101

Position Description:

TITLE: **Embedded Software Engineer** - Hypervisor OS technologies This position is responsible to develop QNX and Android operating system images for Ford infotainment products. This includes creating and integrating code for: bootloader, kernel, drivers, type 1 hypervisor, and build environment.

Skills Required:

- Lead the design, bring-up and support of QNX and Android operating system images
- Create virt-io drivers for QNX or Android guest operating systems
- Participate in root cause analysis of hardware quality problems and software defects
- Participate in system design, documentation, and testing to deliver a best-in-class infotainment system

Experience Required:

- 5+ years operating system experience involving Linux or QNX
- 5+ years C/C++ software development experience on embedded, mobile, or consumer electronic platforms

Experience Preferred:

- Experience with Type 1 hypervisors
- Experience creating virt-io drivers
- Mastery of C/C++ language, GNU tool chain, and Unix (QNX, Linux, or equivalent)
- Experience with embedded build systems including QNX system builder, buildroot, yocto, or equivalent
- Knowledge of in-vehicle signaling and communication mechanisms such as CAN
- Proficiency with revision control including Git, Subversion, or equivalent
- Multi-site software project team experience

Education Required:

- Bachelor's degree in Computer Engineering, Electrical Engineering, Computer Science, or related

Education Preferred:

- Master's degree in Computer Engineering, Electrical Engineering or Computer Science

Additional Information:

Web Based Assessment not required for this position. Visa Sponsorship and Domestic Relocation is available for this position. Travel cost for an in-person interview may be covered. Salary Range 7-8 \$70,200 - \$134,880 Position Location: Fairlane Business Park II Requisition: 30225BR