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Embedded Software Engineer

Tracking Code
160-547

Job Description
Embedded Software Engineer:
Responsibilities:
- Develop embedded C, C++, C# and PHP applications.
- Development of signal processing algorithms.
- Work closely within a small development team to troubleshoot development & production environments, performance tune, and optimize embedded systems.
- Development and execution of test procedures.
- Development of supporting design documentation.

Required Skills
- Relational database (SQL) understanding.
- Ability to work under time constraints with verbal & written instructions of varying levels of detail and changing requirements.
- Strong written and verbal skills.

Required Experience
- Experienced with C/C++ and bash.
- Good understanding of microprocessor hardware architectures (preferably ARM).
- Experience with in-circuit emulators in embedded systems.
- Comfortable working in a Linux operating system environment.
- Experience writing and debugging Linux kernel modules preferred.
- Experience with python, PHP, java script and OpenEmbedded preferred.
- Experience with Digital Signal Processing methods.
- Minimum BSCE, BSEE or equivalent. BSCS with a strong hardware background will also be considered.
- Willingness to work across multiple disciplines (digital, analog, HV and firmware).
- 3-8 years working experience.
- New Graduates, based on aptitude and previous experience will also be considered.
ZOLL is an Equal Opportunity Employer.

Job Location
Pittsburgh, Pennsylvania, United States

Position Type
Full-Time/Regular

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