



Example of Firmware Engineering Job Description

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Our innovative and growing company is hiring for a firmware engineering. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for firmware engineering

- Positively collaborate with cross functional members of the Engineering, Marketing, Field Ops, Sales, and Manufacturing teams
- OEM customer liaison/advocate duties focusing on Firmware
- Represents the customer to the firmware development team
- Managing a team of FW developers working on Flash Translation Layer IP for SSDs
- Influence at an executive level on key security strategies including technology development, assessment of current and future capabilities
- Developing project plans in integrating the IP in multiple products
- Provide overall people-care management and leadership for direct reports, including hiring, setting and monitoring of annual performance plans, coaching, and career development
- The ideal candidate will quickly architect and design FW features, and submit design reviews before continuing the development workflow
- Position requires very strong knowledge of firmware design, development, debug, review, and commit/promotion within a multi-developer, multi-team environment
- Serve as the senior-level technical lead/advisor for a firmware engineering organization consisting of multiple groups, engineering disciplines and sites

Qualifications for firmware engineering

- Requires minimum of an MS degree in Software Engineering, Electrical

- Minimum of 4 years' experience in embedded micro-controller based product design, systems engineering, software architectural design, and project management
- You must be pursuing a Bachelor's degree in Electrical Engineering, Computer Engineering, Software Engineering or Computer Science
- 3+ months experience in design/implementation of multitasking, event driven firmware using C (or C++)
- 3+ months working with RTOS concepts including task switching, deadlocks, and resource management
- 3+ months experience in analyzing issues, diagnose root cause, and suggest corrective actions