

Solid State Drive Product Engineer

As a Product Engineer at this international Corporation within the SSD product group, you will be responsible for taking solid state drives from design to high volume manufacturing. This will involve circuit design & debug, firmware validation, compliance testing, performance characterization and customer support. You will also be responsible for improving performance, improving testability, and identifying NAND (flash Memory) reliability issues. Other areas of responsibility include electrical and physical failure analysis, implementation of new device qualifications, characterization development, and yield evaluation/improvement. You may modify and/or develop test programs and firmware microcode. This role may present future opportunities for Product Leader or Group Leader positions.

Qualifications

Successful candidates for this position will have:

- 3 or more years of embedded system Engineering experience with an emphasis on storage interfaces (preferred).
- The ability to drive engineering efforts through all aspects of new product development and system level debug.
- Programming experience in C, PERL, and JAVA.
- Familiarity with Windows, Linux and Mac OS.
- A thorough understanding of NAND and DRAM operation.
- Experience using the following tools: PC based benchmarking tools, logic analyzers, bus analyzers, Digital Scopes, NextTest test platforms, or other ATE (a plus).
- Experience with various device evaluation platforms and other bench tools.
- Good communication, leadership, problem solving skills, and the ability to work in a team environment.
- Knowledge of storage interface standards such as USB, SATA, SAS, PCIe, and Fibre Channel.
- Microcontroller knowledge, ARM 9 or equivalent
- The ability to work and maintain good relationships with world wide controller suppliers.
- Some knowledge of error detection/correction algorithms.
- Knowledge of various memory technologies including nonvolatile and DRAM with emphasis on NAND flash.
- Some understanding of microcontroller firmware.

Education:

Minimum of a BS in Electrical/Computer Engineering or related discipline and experience.

Qualified Candidates, please contact Rose Marie Studer at rmstuder@comcast.net ASAP with a current copy of your resume . You will be called back regarding a preliminary interview within 24hours.