



Software Engineer (Enterprise Storage)

Samsung Semiconductor, Inc. is a world leader in Memory, System LSI and LCD technologies. We are currently looking for exceptional software talent to join our team in San Jose, CA.

The Memory Solutions Labs (MSL) is part of Samsung's Memory Business Unit, the industry's technology and volume leader in DRAM, NAND Flash, SRAM memory. MSL's vision is to solve key problems & optimize architecture solutions for Cloud & Data center environments. We are an integral part of Samsung's strong R&D focus & lab innovation engine. We work closely with development teams to bring feature innovation to product roadmaps.

We are currently looking for a Software Engineering Intern to join our team of Engineers in San Jose, CA. The Candidate will be part of the Storage Software Group @ Memory Solutions Lab, which is responsible for the design and development of enterprise, data-center and cloud storage software, including device driver, caching, tiering, & storage virtualization.

- Responsibilities:**
- Work with engineering team to understand various features and help address deficiencies.
 - Work with team members to contribute towards prototyping efforts.
 - Create new and useful IP, publish at conferences, and generate whitepapers.
 - Interns are encouraged and empowered to drive their own development projects—ask questions, design solutions, and own the results.

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- Education / Experience**
- The ideal candidate will have many of the following software development experience and skills:
 - Linux or Windows kernel development experience with focus on multi-thread application or driver.
 - Understand OS concepts (e.g., interrupt handling, timers, threads, IPC, race conditions, user space).
 - C programming experience, with algorithm design skill.
 - Experience with variety of file systems, block driver, and storage stack.
 - Experience with distributed computing and storage.
 - Experience with virtualization and cloud computing.

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- Requirements**
- M.S. or PhD candidacy in computer science or equivalent
 - Top-notch problem solving skills
 - Demonstrated ability to write good “social” code
 - Open mind and willingness to learn from peers
 - Ability to work effectively in a complex development environment
 - Commitment to deliver on time and to specifications
 - Excellent collaborative skills including written and verbal communication
 - Innovative thinker in all areas of system design and debugging.
 - Understanding of storage technologies (SCSI/RAID/FC/iSCSI/NAS/SAS) on various storage devices a strong plus

Email resume to collegeresume@ssi.samsung.com