

**Business Card
Title / Posting
Title**

Software Engineer

Job Summary

Are you passionate about cutting edge technologies, have a start-up mindset and want to work in a proven "Best Places to Work" company?

Do you enjoy participating in technical projects, early prototyping, and being a technical force through proof of concept?

Are you seeking to discover new solutions in:

- Data management & next generation storage architectures
- Flash/PCM technologies
- Cloud storage
- Virtualization & server architectures
- Big Data analytics and cloud computing
- Parallel programming for scalable services
- Automatic diagnosis, prediction, decision making, machine learning
- Network virtualization and programmable software-defined networks
- Distributed software architecture
- File systems design, security, deduplication, scalability and performance

The Advanced Technology Group is the innovation incubator within NetApp, responsible for researching, prototyping, and evaluating new ideas. We work directly with internal product groups to apply these ideas to existing and future products, thus having a directional impact on the Storage Industry. We also take pride in sponsoring university research and collaborate with research groups at many U.S. Universities.

In this role, you will participate in all phases of project development, from definition and design through technology transfer including:

- Concept Research & Analysis
- Software development, test, delivery
- Reliability & Performance analysis
- Publication generation and presentation both internally and externally

We are seeking full time University hires that are pursuing or possess a Master's or PhD degree in Computer Science, Computer Engineering or an equivalent course of study with a tentative start date of May/June 2016. These positions will be located at our offices in

- Research Triangle Park, North Carolina
- Sunnyvale, California
- Waltham, Massachusetts

**Job
Requirements**

Required Skills:

- Strong programming skills & experience with distributed systems programming

concepts.

- Ability to work collaboratively within a team environment and demonstrate leadership characteristics.
- A strong understanding of complex concepts related to computer architecture, data structures and programming practices.
- Ability to develop long-range project plans and schedules for individuals or for a small team.
- Strong verbal and written communication and presentation skills.

Desired Skills:

- Experience with Kernel programming internals: UNIX, BSD, Linux, Windows
- File system knowledge
- Familiarity common file system architectures
- In depth knowledge of one or more core kernel functions:
 - o Virtual memory
 - o Network protocol implementation
 - o Resource allocation and management
 - o File system implementation

Education and Experience

- We are seeking full time University Hires who are pursuing or possess A Master's Degree or a PhD in Computer Science with a tentative start date of May/June 2016
- Demonstrated ability to have completed complex technical projects

Posting Category

University
Software Engineering

Full time / Part time

Full-time

Posting Location

USA - California - Sunnyvale (Corporate Headquarters)
USA - Massachusetts - Waltham
USA - North Carolina - Research Triangle Park

Requisition Number

37230BR