

STUDENT INTERN (M/F)

NetApp - Kirchheim



The position is available to currently enrolled graduate university students in a Master of Science program in Computer Science, Electrical Engineering or related fields.

As a student intern at NetApp, you will work as part of a small R&D team responsible for researching, designing and prototyping cutting-edge networking technologies for NetApp storage products. We are looking for an exceptional individual that is able to analytically dissect problems, creatively design solutions and experimentally evaluate their effectiveness based on performing and measuring prototype implementations.

The student intern will work on one of several open projects. All of these projects are suitable for six-months Master Thesis projects (with approval of the student's university advisor).

Some of these projects may also be suitable for a part-time student trainee ("Werkstudent").

Some of the currently available projects are:

- Investigating 40/100G Ethernet under Linux for File Storage Clusters
- Investigating Converged Ethernet Fabrics for File Storage Clusters
- Evaluating TCP Extensions in Linux and FreeBSD, such as:
 - o Tail Loss Probe
 - o Reordering Robustness
 - o RTO Restart
- Investigating Software Switches for File Storage Clusters

Job Requirements

JOB FUNCTIONS

- Problem analysis and quantification
 - Solution design
 - Prototype implementation
 - Experimental validation and measurements
 - Project documentation and presentation
- #### Education and Experience REQUIREMENTS
- You are currently enrolled in an MS program in CS, EE or a related field
 - You are ready to start your MS project in the near future or, for some topics, you can work part-time as a student trainee ("Werkstudent")
 - Strong knowledge of IP networking architectures, protocols, systems and technologies; operating systems or distributed systems knowledge is a plus
 - Knowledge of the BSD or Linux network stack internals is highly desirable; other related experience (drivers, etc.) is a plus
 - C/C++ coding experience is highly desirable; kernel-level experience is a plus, as are additional languages and experience with distributed code versioning tools
 - Participation experience in large-scale open-source software projects is a plus
 - Excellent oral and written communication skills in English are highly desirable; some degree of spoken German is a plus with regards to local office interactions but not a requirement

If you are interested in helping to create the future of NetApp, please apply online

http://www.jobmonkeyjobs.com/career/2336153/Student-Intern-M-F-Kirchheim?utm_source=Indeed&utm_medium=organic&utm_campaign=Indeed

For any questions, please call +49-(0)89-900594-311. Posting Category University

