

Research Staff Member

Job Scope	Datacenter networks	Job type	Full-time Regular
Work country	Israel	Posted	11-Aug-2011
Work city	Haifa Research Lab	Job area	Research
Travel	No travel	Job category	Research
Business unit	Res Systems	Job role	Research Scientist
		Job role skillset	Computing Systems

Job description

IBM's Haifa Research Center is seeking candidates for Research Staff Member positions in data center networking. In general, these positions expect the generation of highly novel ideas to improve aspects of data center networks, such as cost, availability, security, manageability, performance, and resource usage efficiency. The job involves invention and design of approaches to advance the state-of-art by offering new functionality and improving products, processes, and practices. The role also includes the dissemination, internally and externally, of results of such innovation activities through publications, patent disclosures, seminar participation, internal documentation, etc. More specifically, we are looking for candidates with: demonstrated research ability in the area of data center networking including network and switch architecture; network management; experimental and simulation-based performance analysis; and implementation of protocol stacks at the OS, device driver and hypervisor levels,. Demonstration of novel ideas is often done through prototypes that involve sophisticated design, implementation, and system bring-up efforts. Successful candidates will have deep knowledge in one or more of the above areas and the demonstrated ability to carry their ideas through to the prototype and implementation level.

Required

- Master's Degree
- English: Intermediate

Preferred

- Doctorate Degree in Engineering
- At least 1 year experience in demonstrated research capability in Data Center networking
- At least 1 year experience in Networking architecture
- At least 1 year experience in Network management
- At least 1 year experience in Networking protocols
- At least 1 year experience in Network modeling and simulation
- At least 1 year experience in Performance analysis as applied to networks
- At least 1 year experience in Networking standards
- English : Fluent

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Contact:

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