



Nokia Siemens Networks is the world's specialist in mobile broadband. We provide the world's most efficient mobile networks, the intelligence to maximize the value of those networks, and the services to make it all work seamlessly. We are looking for an open minded professional to join our team in Munich as a

(Senior) Research Engineer - Network Management Automation

You will be working as a senior specialist with a focus on research of novel Radio Network Management/ Self-Organizing Networks (SON) concepts. Your responsibilities include the development and integration of corresponding experimental systems and demonstrators.

Job Description

- Analysis of NM use cases & requirements, review of the technology state-of-the-art
- Design, develop, integrate and evaluate new NM concepts using simulation and evaluation of real network data, contribute to techno-economic (business value) analysis
- Protect the work by invention reports, support for related standardization activities (3GPP)
- Contribute to internal technology transfer to business units, participate in customer projects
- Lead activities in funded research projects and collaborate with partner universities
- Promote NSN's thought leadership by publications in relevant conferences and journals

Requirements

- M.Sc. degree in Computer Science, Electrical Engineering or related field. A Ph.D. is a plus
- Knowledge of Mobile Radio Access Technologies (UMTS, LTE(-A), WiFi)
- Knowledge of Network Management processes (eTOM), architectures, protocols (e.g., SNMP), information models, functions (particularly CM and FM) and methods (e.g., policy-based management, statistical and probabilistic (e.g., Bayesian Networks) techniques)
- Interest to understand and improve real-world network operation use cases
- Background in Distributed Systems / IT & Software Technologies (e.g., CORBA, Web Services, UML)
- Good practical SW and experimental skills (setup / installation of Linux/GNU-based systems, C/C++/Java/Script /matlab & R programming, development of experimental systems / demos)
- Ability to work autonomously on complex research issues (project management experience is a plus), create IPR and publications (track record of relevant IPR and publications is a plus)
- Fluent English, both written and spoken
- Strong analytical and technical skills with focus on quality, innovative and open mindset
- Strong communication and presentation skills
- Ability to adapt to and work in international, multi-site virtual teams

We offer you

- Experience with world leading technology and involvement in interesting, versatile projects with continuous learning opportunity
- Possibility to contribute to the development of leading edge telecommunication management solutions
- Competitive salary and benefits
- A wide range of career and development possibilities

<http://www.nokiasiemensnetworks.com/about-us/careers/search-for-a-new-job/find-your-career>

JobID: 47331

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