



## Student Research Assistant at *Service-centric Networking*

Deutsche Telekom, Europe's leading telecommunications company, is expanding its corporate research and development centre - Telekom Innovation Laboratories - in Germany's vibrant capital Berlin in collaboration with the Technische Universität Berlin.

Telekom Innovation Laboratories' mission is to explore and develop new information and communication technologies that lay the foundations for Deutsche Telekom's future products and services. Telekom Laboratories comprises a technology-oriented Strategic Research Laboratory and an application-oriented Innovation Development Laboratory.

The Research Group Service-centric Networking is looking for a dedicated student research assistant (80h/month, 10,98€/h), working on the project *STEAM*. The research project *STEAM* enables the combination of spatio-temporal Data Mining methods and Big Data technologies to support the development of next-generation Location-based Services. A key objective of *STEAM* is to provide a platform which allows the applicable analysis of movement for business users. Therefore, the student's tasks will be related to the following research fields:

- **Context-aware Computing (Location-based Services)**
- **Big Data Technologies**
- **Data Mining & Machine Learning**
- **Service-oriented Architectures**

Our expectations from the ideal candidate:

- Reliability, creativity and independent working style
- Openness to working in an international and academic/industrial team
- Experience in Java, JavaScript or other programming languages
- Good knowledge of HTML, Bootstrap, jQuery or other web application development framework
- Good knowledge of REST APIs, JSON, MongoDB is preferable
- Interest Mobile Development (Android), Location-based Services, Ubiquitous Computing and Big Data Technologies

What we offer:

- A modern working place at Telekom Innovation Laboratories in Berlin
- Flexible time management: 80 hours/month
- Get in touch with interesting research projects
- Possibility to write a Bachelor or Master thesis at SNET

Candidates are encouraged to send their qualifying applications in electronic form directly to:

[bersant.deva@tu-berlin.de](mailto:bersant.deva@tu-berlin.de)

Application materials should be combined into a **single PDF** and include: a cover letter, curriculum vitae, and optionally any reference letters, if available.

Technische Universität Berlin and Deutsche Telekom AG envisage ensuring equal opportunity for men and women, applications from female candidates with the advertised qualifications are explicitly solicited. Provided qualifications are equal, persons with disabilities will be preferred.