

Job posting

Type of position

- scientific
 administrative

Target group

- graduates
 post docs
 other

Title Junior Researcher / PhD Student - IT Security

Institution Brandenburg University of Technology Cottbus-Senftenberg,
Chair of IT Security

Position Junior Researcher / PhD Student (limited to 3 years, full time, with possibility for extension). The employment takes place with the goal of doctoral graduation (obtaining a PhD degree).

Responsibilities

- Active research in the area of intrusion detection systems (IDS) for critical infrastructures, secure cyber-physical systems, and artificial intelligence / machine learning for traffic analysis
- Implementation and evaluation of new algorithms and methods
- Cooperation and knowledge transfer with industrial partners
- Publication of scientific results
- Assistance with teaching

Requirements

- Master's degree (or equivalent) in Computer Science or related disciplines
- Strong interest in IT security and/or networking and distributed systems
- Knowledge of at least one programming language (C++, Java, etc.) and one scripting language (Perl, Python, etc.) or strong willingness to quickly learn new programming languages
- Linux/Unix skills
- Knowledge of data mining, machine learning, statistics and result visualization concepts is of advantage
- Excellent working knowledge of English; German is of advantage
- Excellent communication skills

**Application
procedure
(deadline etc.)**

Applications containing the following documents:
– A detailed Curriculum Vitae
– Transcript of records from your Master studies
– An electronic version of your Master thesis, if possible
should be sent in a single PDF file by 26.10.2020 at itsec-
jobs.informatik@lists.b-tu.de.

Contact

For more information about the vacant position please contact
Prof. A. Panchenko (E-Mail: itsec-jobs.informatik@lists.b-tu.de).