

Framatome GmbH – part of the worldwide Framatome SAS – contributes to the safe operation of nuclear power plants in Germany and worldwide. The 3.500 employees of the company in Germany provide engineering, deliver technical solutions and components for new build and modernization projects as well as fuel supply. At the German sites of Erlangen and Karlstein Framatome GmbH operates a unique infrastructure of testing facilities for safety examination. In addition to the nuclear skills the company develops technologies for energy storage and offers safety solutions regarding material engineering, monitoring and diagnosis as well as IT for various industries.

For our location Erlangen, we are looking for students for

Bachelor/Master Thesis IT & Security

Referenznummer GE_09527



Your tasks

Our Cybersecurity R&D team, which includes 8 PhD candidates, is looking for further support from Bachelor and Master students. The Bachelor or Master thesis shall contribute to asset modeling, security assurance, smart security tests and forensic readiness.

- Get involved in an analytical part (modeling, attack-tree analysis or security fuzzing framework)
- You have to do with a practical industrial automation part, including a SCADA platform, an industrial automation platform, an operating system used in industrial applications or a software development environment
- The Bachelor and Master students may contribute to publications, jointly with their mentors, typically including one or two Framatome PhD candidates

Qualifications

- You are currently studying Computer Science, Information Security, Electrical Engineering or Industrial Automation with initial software development experience
- A discipline that may support IT & Security, e.g. security law-enforcement
- English language proficiency is expected and German language knowledge is appreciated

Start: immediately
Duration: 6 - 8 months
Location: Erlangen

We offer:

If you appreciate a Bachelor and / or Master thesis in an industrial context and enjoy working in a team with university partners, we look forward to your application!

In case of any questions please contact Jakob Exner, Tel. 09131-900 91965, Jakob.Exner@framatome.com

In case of any technical questions please contact Edita Bajramovic, Tel. 09131-900 94218, Edita.Bajramovic@framatome.com