

Student Embedded Software Developer (f/m/d)

Part-time, starting immediately

We are SANCTUARY, an emergent spin-off of the Technical University of Darmstadt working on innovative system security technologies. At SANCTUARY, we develop next-generation security architectures to secure distributed embedded systems, e.g., in the automotive or manufacturing industry. We are currently building our core development team for our office in Darmstadt and are looking for a motivated student to support us starting as soon as possible. At SANCTUARY, you work in close collaboration with other team members, allowing you to contribute own ideas and help to shape the future of the startup.

Your Future Tasks:

- Take part in our software development efforts
- Apply dynamic and static code analysis tools
- Test & validation of the Sanctuary platform
- Contribute to our applied security research

What You Can Expect:

- Interesting and challenging projects
- Learn security skills from experts in the field
- Learn how to publish your work at top-tier scientific security conferences
- Contact to the scientific IT security community and big players in the security industry
- Flexible working hours & optional mobile working



Your Skill Set:

- Student in computer science, information technology or related disciplines
- Good programming skills in C/C++ (experience with Rust or Assembly is a plus)
- Experience with low-level software (e.g., operating system kernels, hypervisors, firmware)
- Proficient in English or German
- Structured and independent work method

If you are interested in becoming part of a young tech start-up close to research, please send your application documents (CV, scan/copies of diplomas) to jobs@sanctuary.dev.