



Lehrstuhl für Sicherheit in der Informatik  
Prof. Dr. Claudia Eckert



Announcement: Student job (HiWi) in cooperation with Fraunhofer AISEC, Garching

# Analysis of Trusted Execution Environments

## Job Description

We currently have an opening for a research assistant position. The position includes familiarization in the topics of Trusted Execution Environments (TEEs) and static code analysis. The monthly working time is 40 hours, but can be increased on request. Tasks can include:

- Analysis of different TEEs
- Applying static code analysis practices to TEEs
- Analysis of standard services such as web servers
- Evaluation of TEE solutions in cloud environments

## Area of work

You may get in touch with the following topics:

- Analyzing code written in C(++)
- TEEs such as Intel SGX and AMD SEV
- Container applications
- Operating system basics

Existing in-depth knowledge in any of the areas is not required. Generation of own ideas is desired and creative work is encouraged. If desired and applicable a follow-up thesis topic can be provided.

## Contact

Fraunhofer Institute for Applied and Integrated Security (AISEC)

Dr. Mathias Morbitzer

Email: [mathias.morbitzer@aisec.fraunhofer.de](mailto:mathias.morbitzer@aisec.fraunhofer.de)

Phone: +49 89 322-9986-164