



Student Assistant (m/f/)*

Student Job in Static Code Analysis

We are looking for a motivated student assistant (HiWi) to support the development of our static code analysis tools CPG and Codyze. You will closely collaborate with our research team working on cutting-edge tooling for secure software analysis. This role is ideal if you enjoy programming, analyzing code, and want to gain practical experience with developer tooling, security, and software quality. You will have the chance to contribute ideas and see your work used in real projects.

The monthly working time is 40h per month (open to discussion).

Task Description

You will help extend and improve our static analysis tools by implementing new analyses, rules, and checks in CPG and Codyze. Tasks can include

- modelling semantics of common libraries in our graph,
- writing analysis rules to verify correct implementation of security best practices,
- developing and testing features (e.g. new analysis, supporting new programming languages, ...),
- fixing bugs and overall enhancing the performance and capabilities of our tools

You will work with Kotlin code and the Gradle build system.

Requirements

- You should be enrolled as a student in Computer Science (or a related field).
- You should be familiar (or willing to learn) Kotlin.
- Prior knowledge in static code analysis and/or efficient algorithms are desired.
- You are interested in software security.

Contact

Please send your application with current CV, transcript of records and motivation letter to:

Alexander Kuechler

Service and Application Security

alexander.kuechler@aisec.fraunhofer.de

Phone: +49 89 322-9986-185

Fraunhofer Institute for Applied and Integrated Security (AISEC)

Lichtenbergstraße 11, 85748 Garching (near Munich), Germany

<https://www.aisec.fraunhofer.de>

Maximilian Kaul

Service and Application Security

maximilian.kaul@aisec.fraunhofer.de

Publication Date: 2026-03-02