Student assistant (m/f)
Software developer

Writing static analyses is hard and tedious task. In practice, not many software developers are using static analyses during their development because they are not familiar with the concepts or do not know how to configure the existing tools in order to automatically find vulnerabilities in their code. In order to bring the abstraction level closer to the developers we develop a new domain specific language (DSL) that will help the developers to easily specify their customized vulnerabilities and easier detect them using the Soot framework.

Your tasks
- Writing static analyses on top of the Soot framework
- Developing DSLs
- Effort: ~ 40 hours/monthly

We offer
- Excellent practical experience relevant to your studies
- Preparation for student thesis in the area of software engineering
- Cooperative team work

Our expectations
- You study computer science or related subject
- You have experience in Java prograning
- You have basic understanding of static analysis methods and development of domain specific languages
- You have research interests in secure software engineering
- You are motivated and self-driven

Contact
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