Student assistant (m/f)
SecuCheck - Security Checkers for software developers

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. Within the SecuCheck project we develop a domain specific language (DSL) that will help developers to specify vulnerabilities and detect them using the Soot framework.

Possible tasks
1. Writing static analyses on top of the Soot framework
2. Implementing Eclipse plug-in
3. Conducting user studies with software developers from industry

We offer
- Excellent practical experience relevant to your studies
- Preparation for student thesis
- Cooperative team work
- 35-40 hours per month + paid holiday hours

Our expectations
- You study computer science or related subject
- You have experience in Java programming
- You have understanding of static analysis with Soot (for task 1)
- You have experience with Eclipse plug-in development (for task 2)
- Excellent communication skills (for task 3)
- You are motivated and self-driven

Applications including CV and transcript of records should be sent via e-mail. Please indicate for which of the tasks (one or more) you are competent and have interest in.

Contact
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