The chair for IT security (Prof. Dr. Claudia Eckert, I20) at the Faculty of Computer Science at the Technical University of Munich is offering a research position (2 years, extensions are possible) for a

**PhD student / postdoctoral researcher**

to start working on a research project at the earliest possible date.

We are looking for candidates who are deeply interested in researching and implementing automated techniques for the analysis and removal of software flaws/bugs in C/C++ programs. The open position is part of the **SIBASE project** (building blocks for secure embedded systems, see [https://www.sec.in.tum.de/laufende-projekte/](https://www.sec.in.tum.de/laufende-projekte/) for details) and is supported by the **BMBF** (German Ministry of Research).

Applicants should have a master degree in computer science or a related field. Additionally they should:

- Possess strong knowledge in programming Java/C++ and/or C applications.
- Have very good knowledge in software flaws and bugs in C/C++ applications.
- Ideally possess basic knowledge and experience with static and dynamic code analysis, control flow graphs, execution path analysis, and the Eclipse IDE and plugin system.
- Be willing to pursuing academic work independently, as well as in a team.

If interested, the Chair is happy to support cooperation with the Fraunhofer Institute AISEC (Applied and Integrated Security) on this and related topics. Obtaining a PhD will be supported during the course of your employment.

Since the Technical University of Munich aims to increase the percentage of female employees, women are especially encouraged to apply. Additionally, disabled persons will be preferentially considered in case of equal qualification. Salary will be according to the German public service payment agreement (TV-L).

Please send your applications along with the usual documents electronically (ideally) or in hard copy to:

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