

Working Student Position at Fraunhofer AISEC

Improvement of an Automotive Privacy Demonstrator

Motivation/Background

The project AUTOPSY aims to protect the privacy of the data collected and processed in cars and researches on the impact of deploying Privacy Enhancing Techniques (PETs) in an automotive scenario with a focus on platooning in the initial demonstration. Goal of this work is to build upon an the existing demonstrator and further improve it to showcase results in an interesting and interactive way.

We are therefore looking for a motivated working student with strong background in embedded systems.

Task description

The tasks cover in particular:

- Developing and improving code for PET implementations, communication and system software
- Deployment of code on automotive embedded systems
- Improvement of visualization and user experience

Requirements:

- Strong background in programming and debugging embedded systems
- Interest in privacy enhancing techniques
- Strong motivation and independent working style

Date: June 2024

Start: any time

Contact

Dr.-Ing Matthias Hiller

Fraunhofer Institute AISEC

Head of Department Hardware Security

Lichtenbergstraße 11, 85748 Garching (near Munich)

E-Mail: matthias.hiller@aisec.fraunhofer.de