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# Student Assistant Job

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## Job Description

We are looking for a student assistant (HiWi) to support us in various research activities at the **Chair IT Security**, starting as soon as possible.

Our group works on all technical aspects of privacy and network security. Our work ranges from attacks on/metrics for Web privacy to attacks on physical layer security, and from contributions to understand user behavior and improve media competence over the analysis and improvement of anonymous communication to the security of edge-clouds, softwarized networks, and 5G. Within this broad context, possible support activities include, but are not limited to:

- Study planning and collection of user data for building security mechanisms.
- Implementation of security mechanisms.
- Programming of testbeds for security performance measurement.
- Statistical analysis of data.
- Literature research on various topics in the field of IT Security & Privacy.

Further details can be discussed with the contact person in a personal meeting.

## Requirements

- Basic knowledge of IT security (desirable, but not mandatory).
- Interest in learning about state-of-the-art research on IT security.
- Programming experience (familiarity with Python's `scikit-learn` library is an advantage).
- Excellent communication skills in English.

## We offer

Varied work in the field of security and the chance to get experience in scientific research. This may be a good opportunity to get started in computer security research or a first step towards writing your thesis with us. Working hours can be arranged flexibly.

Duration: by arrangement; after the student assistant job, a subsequent thesis may be possible.

## How to apply

Please send your application by e-mail, including a brief motivation statement and short CV, to: [itsec-info@kastel.kit.edu](mailto:itsec-info@kastel.kit.edu). You can find further details about the group on our website: <https://ps.tm.kit.edu/english/index.php>.

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**For questions, please contact:**

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