Lab Usable Security & Privacy

MA-INF 3319
Application

In order to get a topic, you will need to submit your expose until 07.10.2020. Please send it to the respective supervisors. You will be informed whether you were chosen/not chosen for your favourite lab topic until 14.10.2020. Multiple applications are allowed for up to three topics.

**Deadline for expose:** 07.10.2020

**Deadline for registration in BASIS:** 15.11.2020

**Requirement:** passing the lecture Usable Security and Privacy MA-INF 3235
Study QWERTY-Effect in Passwords

Supervisor

Eva Gerlitz
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Study QWERTY-Effect in Passwords

**Idea:** Words typed with more letters of the right hand were found to be rated more positive compared to words typed with the left hand. [1]
Find out if this also influences the use of words as passwords.

**Task:**
- Examine literature
- Analyze leaked password-sets
(- Conduct user study)

**Requirements:**
- Knowledge about study design (USECAP Lecture)

Can you explain your grandfather what a hash (or a fingerprint of a key) is and why it is ok that it is public?

Supervisor

Maximilian Häring
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Study Hash/Fingerprint explanations

**Idea:** Test whether it is possible to explain a non-expert user enough to understand that it is OK that a fingerprint can be public and still safe to use it to check something, e.g. a certificate.

**Task:**
- Examine literature for existing use of explanations/misconception/mental models
- Create a study (online) that tests your creations in a user study
- Conduct and analyze the study

**Requirements:**
- Knowledge about study design (USECAP Lecture)
- Creative ideas
Own ideas?

Supervisors

all of us

send your idea to
Klaus Tulbure
tulburek@iai.uni-bonn.de
Own ideas?

You've got some **own ideas** for a project in Usable Security and Privacy?

**GREAT!**

We'd love to work with you on that!