Open Hiwi Position

Implementing Symmetric Cryptography

The Cryptography and Network Security (CNS) group is offering a Hiwi position to assist in its research projects. The position is available immediately and the number of hours is flexible.

Project Description:

The project will involve implementing novel cryptographic schemes in C and possibly Python to evaluate and compare their performance. The cryptographic schemes to be implemented are symmetric-key and are intended to operate within the Tor protocol – the popular tool for maintaining anonymity online. The position offers the opportunity to contribute to the group’s research projects and broaden the student’s knowledge in cryptography, both theoretical and practical.

Requirements:

- Good programming skills and in-depth knowledge of the C language.
- Background in Cryptography – having successfully completed one or more courses in the subject.
- Fluency in English.
- Knowledge in Python is considered beneficial but not necessary.
- An interest in cryptography and research work.

Contact:

Interested applicants should get in touch and send a copy of their CV and a transcript of their records to Dr. Jean Paul Degabriele (jeanpaul.degabriele@crisp-da.de) with the subject line: "Hiwi position".