Martijn Terpstra

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Education

Radboud University   **Nijmegen, Netherlands**

MS, Computing Science, specialization in cyber security   *2017*

I learn to design and evaluate secure digital systems. During my studies I learned about things such as cryptography, networks, operating systems and formal protocol verification. In addition to the technical side of things I had the chance to learn about the ethical and organizational issues concerning cyber security with a strong focus on privacy.

Radboud University   **Nijmegen, Netherlands**

BS, Computing Science, minor in business management   *2015*

Here I learned about the theoretical basis for modern computer. I studies subjects such as discrete mathematics, computation theory and complexity theory.

Masters Thesis

Title: *Attribute-based credentials on smartwatches*

Supervisors: Prof. Lejla Batina & Prof. Veelasha Moonsamy

Description: The use of Attribute-based credentials allows users to authenticate without needing to create or register an identity or pseudonym. This technology solves certain privacy concerns and usability. My thesis looks on how to adapt this technology for use on smartwatches and show its feasibility by building a proof of concept application.

Activities

UL Transactional Security   **Leiden**

Research internship   *2017*

Did a security assessment for standardization and future development of a mobile drivers license (mDL) as a means of legal identification. I researched methods of authentication, privacy concerns, potential threats, attacks and mitigations.

N.S.V. Ovum Novum   **Nijmegen**

Quaestor Sociëteit   *2010–2011*

Full-time role as member of the senate for the second-largest fraternity in Nijmegen. Responsible for daily activities , management of several student commissions and external relations.

Stichting Sociëteitsbeheer   **Nijmegen**

Penningmeester   *2010–2011*

Took charge of financial management of fraternity faculties used by the N.S.V. Ovum Novum.

Miscellaneous

Drivers license:

Languages: Dutch (Native Language) & English (Fluent on in both written and spoken form)

Programming: Knowledge of a variety of languages (C, Python, Lisp, Java etc.) outside of study due to personal interest.