Maaike S. C. van Leuken

Work Experience

November 2021 **Current**	**Cryptographer TNO, Applied Crypto and Quantum Algorithms, Eindhoven** Worked on several projects in the area of cryptographic hardware and their supply chain, Self-Sovereign Identities, and computer-aided cryptography.
February 2020 - July 2021	**Student Assistant Radboud University, Nijmegen** *Security, Introduction to Cryptography* Grading Bachelor students' homework assignments and helping during the tutorials.
August 2019 - August 2020	**Tutor at Superprof, Nijmegen** *Java and Python* Tutoring University students from other disciplines to program.
October 2019 - August 2020	**Tutor at Mr. Chadd, Nijmegen** *Biology, Chemics, Computing Science, Economics, English, Mathematics, Latin and Physics* Tutoring high school students via a chatbox.
March 2016 - August 2020	**Tutor at StudentsPlus, Nijmegen** *Physics, Mathematics and Chemics* Tutoring both high school students as well as students from Universities of Applied Sciences (Dutch: HBO).
October 2017 - July 2019	**Promotor at Promo team Computing Science at Radboud University, Nijmegen** Gave presentations to high school students about what computing science and cyber security includes and why they should consider enrolling in computing science.
April 2014 - July 2015	**Waitress and Bartender at De Vier Kolommen, Vught** Part-time, after-school job.

Education

September 2019	Master TRU/e Cyber Security, **Radboud University and TU Eindhoven**, Nijmegen and Eindhoven
- August 2021	Research Internship: *Building a Toolbox for Post-Quantum Rank-Based Cryptography in SageMath*, supervised by Dr. Simona Samardjiska
	Thesis: *Runaway Generators and their Parallelizability and G&D-Resistance*, supervised by Prof. Joan Daemen and Dr. Silvia Mella. Grade: 8.5
September 2016	Bachelor Computing Science and Cyber Security, **Radboud University**, Nijmegen
- July 2019	Thesis: *Comparing Correlation Coefficient and Difference of Means in a Differential Power Analysis Attack*, supervised by Prof. Lejla Batina Grade: 7.5
	Propedeuse
	Bachelor
September 2015	Bachelor Physics and Astronomy, **Radboud University**, Nijmegen
- August 2017	First-year
September 2009	Gymnasium, **Maurick College**, Vught
- July 2015	Final Grades

Organizations

July 2021	Radboud Women of Computer Science (RWoCS), **Radboud University**, Nijmegen
September 2018	Member
September 2018	Thalia, **Radboud University**, Nijmegen
- July 2019	Member
August 2015	Marie Curie, **Radboud University**, Nijmegen
- July 2017	Member

Languages

Dutch:	Native Language
English:	Fluent

Computer Skills

Advanced Knowledge:	Cryptograhpy, Digital Security, Python, C(++)
Basic Knowledge:	Java, mySQL, MPyC, LaTeX, Linux, VHDL, Java Card, SageMath, Android Studio, Django, Git, Haskell, React, Fuzzing, Assembly