

# Maaïke S. C. VAN LEUKEN

## PERSONAL INFORMATION

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FIRST NAMES: Maaïke Simone Caroline  
LAST NAME: van Leuken  
PLACE AND DATE OF BIRTH: 's-Hertogenbosch, The Netherlands | 19 Augustus 1997  
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## WORK EXPERIENCE

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NOVEMBER 2021	Cryptographer TNO, APPLIED CRYPTO AND QUANTUM ALGORITHMS, EINDHOVEN
CURRENT	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 <i>Security, Introduction to Cryptography</i> Grading Bachelor students' homework assignments and helping during the tutorials.
AUGUST 2019 - AUGUST 2020	Tutor at SUPERPROF, NIJMEGEN <i>Java and Python</i> Tutoring University students from other disciplines to program.
OCTOBER 2019 - AUGUST 2020	Tutor at MR. CHADD, NIJMEGEN <i>Biology, Chemics, Computing Science, Economics, English, Mathematics, Latin and Physics</i> Tutoring high school students via a chatbox.
MARCH 2016 - AUGUST 2020	Tutor at STUDENTSPLUS, Nijmegen <i>Physics, Mathematics and Chemics</i> 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

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

## ORGANIZATIONS

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JULY 2021	Radboud Women of Computer Science (RWoCS), <b>Radboud University</b> , Nijmegen
SEPTEMBER 2018	Member
SEPTEMBER 2018	Thalia, <b>Radboud University</b> , Nijmegen
- JULY 2019	Member
AUGUST 2015	Marie Curie, <b>Radboud University</b> , Nijmegen
- JULY 2017	Member

## LANGUAGES

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DUTCH:	Native Language
ENGLISH:	Fluent

## COMPUTER SKILLS

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Advanced Knowledge:	Cryptograhpy, Digital Security, Python, C(++)
Basic Knowledge:	JAVA, mySQL, MPyC, <del>W</del> TEX, LINUX, VHDL, Java Card, SageMath, Android Studio, Django, Git, Haskell, React, Fuzzing, Assembly