
WORK EXPERIENCE

- Sep 2023 – present* **Cryptographer** – TNO
- Applied zero-knowledge proofs for verifiable machine learning
 - Worked on the overlap between formal verification & AI
 - Developed QUDO, a design optimisation framework combining classical heuristics with quantum acceleration
- Sep 2018 – Jun 2023* **Teaching Assistant** – Rijksuniversiteit Groningen
- Delivered weekly tutorials in Calculus, Linear Algebra, Group Theory, Galois Theory, Module Theory.
- Sep 2018 – Jun 2023* **Committee Work** – Rijksuniversiteit Groningen · MasterMath
- Chaired the RUG Programme Committee (2018–2022) and served on the MasterMath Programme Committee (2020–2022, 9 Dutch universities)
 - Member of the RUG Curriculum Committee (2020–2023)

EDUCATION

- 2020 – 2023* **MSc Mathematics** – Rijksuniversiteit Groningen
Focus: Algebra, Number Theory, and Arithmetic Geometry
- 2017 – 2020* **BSc Mathematics** – Rijksuniversiteit Groningen
Focus: Algebraic Geometry and Number Theory

OTHER ACTIVITIES

- Oct 2020 – Aug 2022* **Committee Work** – G.S.A.V. Vitalis
- Organised events for the student athletics association (sports events, national relay championship, cross-country race); responsibilities included sponsorship acquisition and event promotion.

SKILLS

- Software* Python, Rust, MATLAB, LaTeX
- Languages* Dutch (native), English (fluent)
- Interests* Mathematics, cryptography, athletics, cycling and chess