

JAYLAN LEE

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OBJECTIVE

Graduate student, seeking positions to gain experience in security-critical environments.

EDUCATION

Master of Computer Science, TU Delft 2023 - Present
Specialization in Cybersecurity. Special interest in Quantum Information.

Bachelor of Computer Science, Utrecht University 2020 - 2023
Graduated Magna Cum Laude at age 19.
Data structures: 10/10. Cryptography: 9.9/10.

Secondary Education, 't Hooghe Landt College 2014 - 2020
Gymnasium / Technasium. (Highest level of Dutch secondary education)
Mathematics: 9/10.

EXPERIENCE

Teaching Assistant Cryptography Sep 2022 - Jan 2023
Utrecht University *Utrecht, NL*

- Provided academic support in Cryptography to >100 students.
- Led discussions, graded assignments, and held office hours.

Freelance Developer Jan 2020 - Jan 2023
QuickCode

- Web development using React.js, Next.js, Tailwind.css, and more.
- Experience developing code in a team, acquired effective communication skills.

Labelling datasets for AI using Amazon SageMaker Feb 2021 - Nov 2021
Octo *The Hague, NL*

PROJECTS

Post-quantum secure blockchain. *Master's thesis.* Implemented smart contract modules in C++ for Hyperledger Fabric in order to secure against potential quantum threats.

Critical NTP pool hack. *Hacking Lab course @ TU Delft.* Demonstrated severe vulnerability in NTP Pool. Wrote script to serve arbitrary timestamps to clients requesting times from NTP servers (widely used cluster of time servers). Script can be found at [djeelun/malicious-ntpserver](https://github.com/djeelun/malicious-ntpserver).

DAO for a Secure Software Ecosystem. *Bachelor's thesis.* Built a Distributed Autonomous Organization on the Polygon blockchain network using Solidity. Also contributed novel plugin techniques to the Aragon DAO community, using Diamond Patterns. Awarded 2nd place at DAO Global Hackathon. [SecureSECO DAO](#).

SKILLS

Technical Skills	Experience writing code in C++, C, C#, Java, Javascript, Typescript, Python, Haskell
Soft Skills	Experience using SCRUM and developing AGILE.

EXTRA-CURRICULAR ACTIVITIES

- Participated in Hackathon VU CTF 2025
- Experience in low-level programming (C, asm) graphic calculator.
- Volunteering for Digital Hulpplein Amersfoort, assisting senior citizens with questions regarding digital devices.