

# JAYLAN LEE

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## EDUCATION

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**Master of Computer Science**, TU Delft 2023 - 2025  
Specialization in Cybersecurity. Special interest in Quantum Information.  
Completed thesis with 8.5/10.

**Bachelor of Computer Science**, Utrecht University 2020 - 2023  
Graduated Magna Cum Laude at age 19.  
Data structures: 10/10. Cryptography: 9.9/10.  
2nd place  $\mu$ -hackathon.

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

## EXPERIENCE

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**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

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**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

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<b>Technical Skills</b>	Experience writing code in C++, C, C#, Java, Javascript, Typescript, Python, Haskell
<b>Database Skills</b>	Experience with both SQL and NoSQL environments.
<b>Soft Skills</b>	Experience using SCRUM and developing AGILE.

## EXTRA-CURRICULAR ACTIVITIES

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- Participated in PlaidCTF 2025, BreachCTF 2025, 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.