

## EDUCATION

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<b>Technische Universiteit Delft Master of Science</b> Computer Science MSc Programme – Specialization in Cyber Security and Distributed Systems	Delft, NL 2021–Present
<b>Technische Universiteit Delft Bachelor of Science</b> Computer Science and Engineering BSc Programme – Graduated with Cum-laude (8.1/10). Minored in Global Affairs, Leiden University – Systems track: Digital Systems, Embedded Software, Operating Systems	Delft, NL 2021–2024

## EXPERIENCE

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<b>PRODAFT</b> Developer & Offensive Cyber Threat Intelligence Analyst – Working on the backend infrastructure of a threat intelligence information dissemination product. – Development and implementation of graph-based algorithms using Neo4J: PageRank, Recommendation, Explainable AI, Risk Prediction. – Internal tool development for automating TI tasks, management of team members and collaborative knowledge management. – Creating both public and private reports sharing details on threat actors and their operations, TTPs, and IOCs.	Den Haag, NL September 2022 - Present
<b>Rotterdam Police Department</b> Intern at Team Zeden and TBKK – Worked on the development of an internal tool used for detection of encrypted containers in a live system or forensic evidence files.	Rotterdam, NL April 2023 - July 2023
<b>TU Delft</b> Teaching Assistant – Assisted in the teaching of the courses Object Oriented Programming, Computer Organization, Web & Database Technologies and Embedded Software.	Delft, NL September 2022 - February 2024
<b>ASELSAN</b> Intern at Software and Hardware Design – Designed and produced a simple timing circuit Learned the basics of FPGA design and developed a simple FPGA project using VHDL.	Ankara, TR January 2020 - February 2020

## PROJECTS

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- **Sanctum** (C/Linux Kernel, 2024)  
A kernel module for seamless process-bound FDE.
- **DelftBlue API** (Spring Boot, 2023)  
An API for managing the Delft Blue Supercomputer.
- **MetisHealth** (SpringBoot/VueJS, 2021)  
A patient and appointment management program
- **Bachelor Thesis** (Python/ML, 2024)  
Impact of topological perturbations to GNN stability
- **massurl** (C, 2021)  
A tool for sorting and sorting a large number of URLs.
- **YeetClock** (Hardware/IoT, 2019)  
An open source smart alarm clock solution.

## HONORS & AWARDS

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- HackMasters 2024 3<sup>rd</sup> Place Summer 2024
- Blue and Yellow Belt in pwn.college Spring 2022
- TUBITAK Research Project Competition 2<sup>nd</sup> Place in Computer Science Winter 2020
- International WRO Friendship Tournament 1<sup>st</sup> Place, Open Category. Summer 2018

## SKILLS

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- **Programming Languages:** Python, C, C++, Golang, Java, JavaScript, Bash, x86 Assembly
- **Frameworks/Tools:** Django, Flask, QT, VueJS, Spring Boot, JavaFX, Linux/Unix, Neo4J, Docker