

EDUCATION

Technische Universiteit Delft Bachelor of Science Computer Science and Engineering BSc Programme	Delft, NL 2021–present
TED Ankara College Foundation High School Dual Diploma Programme	Ankara, TR 2017–2021

EXPERIENCE

Intelligence Analyst at PRODAFT Offensive Cyber Threat Intelligence Analyst	Den Haag, NL September 2022 - Present
<ul style="list-style-type: none">– 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.	
Intern at Rotterdam Police Department Intern	Delft, NL April 2023 - July 2023
<ul style="list-style-type: none">– Worked on the development of an internal tool used for detection of encrypted containers in a live system or forensic evidence files.	
Teaching Assistant at TU Delft Teaching Assistant	Delft, NL September 2022 - February 2023
<ul style="list-style-type: none">– Assisted in the teaching of the courses Object Oriented Programming, Computer Organization and Web & Database Technologies.	
Internship at ASELSAN Intern at Software and Hardware Design	Ankara, TR January 2020 - February 2020
<ul style="list-style-type: none">– Designed and produced a simple timing circuit Learned the basics of FPGA design and developed a simple FPGA project using VHDL.	
Internship at Divasoft Software Engineering and Mobile Development Intern	Ankara, TR June 2018 - August 2018
<ul style="list-style-type: none">– Created an android application that interfaces with an existing CRM software through its API which allows for easy access to the CRM interface.	

HONORS & AWARDS

• Blue and Yellow Belt in pwn.college <i>Completed the pwn.college course teaching binary exploitation and reverse engineering</i>	Spring 2022
• Cum Laude and Summa Cum Laude Laboratoire in CSE1400 <i>Got rewarded for passing 11000 points and getting all 3550 extra lab points in CSE1400</i>	Winter 2021
• TUBITAK Research Project Competition <i>2nd place at TUBITAK research projects competition in the field of programming.</i>	Winter 2020
• International WRO Friendship Tournament <i>1st place in the Open Category of international WRO Friendship Tournament, WARC</i>	Summer 2018

ACTIVITIES & CERTIFICATES

- **HackIstanbul 2021 Finalist** Fall 2021
Participated in the finals of HackIstanbul, an international CaptureTheFlag competition and got 4th place.
- **NAND2Tetris Course** Summer 2021
Completed the first part of Hebrew University of Jerusalem's course NAND2Tetris
- **ColumbiaX DS101X Certificate** Winter 2021
Completed ColumbiaX's course, Statistical Thinking for Data Science and Analytics
- **HarvardX CS50 Certificate** Summer 2020
Completed Harvardx's course, Introduction to Artificial Intelligence with Python
- **MITx CS with Python Certificate** Summer 2020
Completed MITx's course, Introduction to Computer Science and Programming Using Python

LANGUAGES

- **English:** Proficient, IELTS Score: C2
- **Turkish:** Mother tongue, Native Speaker
- **French:** Conversational, DELF level: B1

SKILLS

- **Programming Languages:** Python, C, C++, JavaScript, Java, PHP, Bash, x86 Assembly, SQL
- **Frameworks:** Flask, VueJS, Spring Boot, JavaFX
- **Tools:** LaTeX, Git, Linux/Unix, IDA, Ghidra, BurpSuite, Wireshark
- **Skills:** Agile Methodologies, Security Research, Reverse Engineering, Binary Exploitation

PROJECTS

- **FoodCloud** (Python/Computer Vision, 2017)
A project that aims to ensure food safety.
- **YeetClock** (Hardware/IoT, 2019)
An open source smart alarm clock solution.
- **massurl** (C, 2021)
A tool for sorting and sorting a large number of URLs.
- **Froggie** (x86 Assembly, 2021)
A clone of the retro game frogger made with assembly.
- **DelftBlue API** (Spring Boot, 2023)
An API for managing the Delft Blue Supercomputer.
- **CitizenView** (Python/Java/ML, 2018)
A smart city management concept project.
- **MetisHealth** (SpringBoot/VueJS, 2021)
A patient and appointment management program
- **Brainfuck Interpreter** (x86 Assembly, 2021)
A JIT Brainfuck compiler with optimizations.
- **Quizz!** (Spring Boot/JavaFX, 2022)
A multiplayer trivia game using HTTP polling.
- **Disk Encryption Analyzer** (Python/QT, 2023)
A tool to **quickly** scan for encrypted containers.