



Can Öztas

Date of birth: 2001

Gender: Male

CONTACT



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github.com/canoztas

WORK EXPERIENCE

06/2023 – CURRENT

Cyber Security Engineer ROKETSAN

I am a Cyber Security Engineer at ROKETSAN which is one of the biggest company in Turkish Defence Industry under Turkish Armed Forces Foundation.

01/2022 – 06/2023 Ankara, Türkiye

Penetration Tester | Red Team Engineer InterProbe Intelligence & Analytics

I worked as a pentester in InterProbe.

- Conducted various pentests on Web, API and Mobile apps which are my main area of research. Also lectured on Web Application Security, API Security and Mobile Application Security.
- Also worked with Internal Network & AD Security, Wireless & RF Security, and Social Engineering by conducting penetration tests.

07/2021 – 10/2021 Ankara, Türkiye

Intern YD Software & Technology

I worked as an Intern at YD Software and Technology at METU Technopark.

- Worked in backend development with .NET Core MVC and REST API's.
- Learned microservice architecture and Domain Driven Design.
- Also worked at system side with Ubuntu and CentOS

11/2021 – 01/2022 Ankara, Türkiye

Intern Wiicode Software & Technology

I worked as an Intern in Wicode Software & Technology.

- Worked in Angular/Ionic Framework for Web and Mobile.
- Worked with Java Spring Boot in backend.

EDUCATION AND TRAINING

09/2023 – CURRENT

Computer Engineering - Master of Science (MsC) Hacettepe University

Final grade 3.84

2019 – 2023

Computer Engineering - Bachelor of Science (BsC) Ankara University

Final grade 3.82

2020 – 2020

Erasmus Exchange Student University of Jaén | Cancelled because of Coronavirus

CERTIFICATES

2023

Offensive Security Certified Professional (OSCP)

Link <https://www.credential.net/f335d072-bad5-42b3-a53c-f9c45da61a51>

02/2024

CREST Registered Penetration Tester

02/2024

CREST Practitioner Security Analyst

LANGUAGE SKILLS

MOTHER TONGUE(S): Turkish

Other language(s):

English (TOEFL iBT score 91)

Listening C1

Reading C1

Writing C1

Spoken production C1

Spoken interaction C1

French

Listening A1

Reading A1

Writing A1

Spoken production A1

Spoken interaction A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

NETWORKS AND MEMBERSHIPS

2023 – CURRENT Hacettepe University / Ankara

WISE Lab Researcher

I'm a research at Hacettepe University - WISE Lab

Link <https://wise.cs.hacettepe.edu.tr/people/>

2019 – 2023 Ankara University / Ankara

Ankara University Cyber Club [President/Team Lead]

I was the president at my universities cybersecurity and Linux club. We hosted several events, joined several CTF's and wrote to club's blog.

CONFERENCES AND SEMINARS

12/2023 8th International Scientific Conference Telecommunications, Informatics, Energy and Management

TIEM 2023 - Comparative Analysis of Differential Privacy over Multiple Data Sets - Oral Presentation / Conference Paper

I presented my research on Differential Privacy which was my graduation project at Ankara University. My research published as Conference Paper.

Link https://www.tiem2023.com/documents/TIEM_2023_Conference_Program.pdf

DIGITAL SKILLS

CYBER SECURITY

OSCP (Offensive Security Certified Professional) | Web Security | API Security | Penetration Testing | Application Security | Offensive Security | CTF Player | Network Security | Wireless / RF Security | Wireless Sensor Networks | Data Diode Security | Airgap Security | Cryptology

DATA SCIENCE

python | Tensorflow, Keras, Pytorch, sklearn | parallel processing neural networks | Differential Privacy

COMPUTER SCIENCE

Algorithms & Data structures | Object Oriented Programmation | Operating Systems

WEB DEVELOPMENT

.NET Core | Rest API | MVC Design pattern

EXPERIENCE AS INSTRUCTOR

Turkish Airlines Cyber-TakeOff

I lectured about Web Security at Turkish Airlines.

Ankara University

I lectured about Web Security and Network Security at Ankara University Digital Forensic's Master Programme.

I lectured about Network Security at Ankara University Computer Engineering and Computer Teacher Programme

Ankara University Cyber Security Club

I lectured about every sub-discipline of Offensive Security at AUCC (Ankara University Cyber Security Club).

Kirikkale University

I lectured about Offensive Security at Kirikkale Universtiy

PROJECTS

Several Researches

I researched varios topics on Master Programme at Hacettepe University Computer Engineering.

- Case Study for Real-Life IoT Network
- Dataset Characterization and NLP based approach for Diversevul (Vulnerable Code) dataset
- NEAT based Neural Network model

Links <https://canoztas.github.io/iot.pdf> | <https://canoztas.github.io/neat-nn.pdf> | <https://canoztas.github.io/diversevul.pdf>

AI Plays Flappy Bird

I designed a neural network to play flappy bird game. I created the game with pygame and implemented neural network and genetic algorithm with NEAT.

Links github.com/canoztas/AI-Plays-FlappyBird | github.com/canoztas/pyGame-FlappyBird

Comparative Differential Privacy

For my graduation project, I studied Differential Privacy and conducted Comparative Research on Differential Privacy mechanisms with their effect on Machine Learning and Deep Learning for various datasets including images.

Link <https://github.com/canoztas/comparative-differential-privacy>

MNIST with PyTorch

I worked with MNIST data with PyTorch.

Link github.com/canoztas/mnist-dataset-with-pyTorch

Data Structers & Algorithms C Implementation

For my school homework, I implemented most of the data structures and most of the algorithms in Anany Levitin's book in C.

COMPETITIONS

CURRENT

Several CTF Challenges

With my CTF team in Ankara University Cyber Club, I have attended national and international capture flag challanges as team captain.

- placed 4th in Hacktrick BTK 2022
- placed 5th in Teknofest Hackkaradeniz 2022
- placed 5th in STM CTF 2022 Online
- placed 1st in Arcelik IoT CTF 2022 (solo)
- placed 2nd in CTFTIME general in Turkey
- placed 4th in KapsulTeknoloji Konya 2023
- placed 2nd in SiberYildiz BTK 2024