

Ahmet Eren BOYACI

COMPUTER ENGINEER · BACKEND DEVELOPER

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Education

TOBB University of Economics and Technology

B.S. IN COMPUTER ENGINEERING

GPA: 3.53 (High Honor Student)

Ankara, Turkey

Sep. 2019 - Aug. 2023

Experience

Picus Security

PART-TIME SOFTWARE ENGINEER

Ankara, Turkey

26 Sep. 2022 - Present

- Worked with a team responsible for the **back-end** development of a platform used for conducting breach attack simulations and validating SIEM rules. We worked using the **agile** development methodology using **Go** as a programming language, along with many **AWS** features such as **SNS/SQS queues**
- Worked on various tasks on multiple repositories. Wrote migration files, and scripts to alter the database using **PostgreSQL** and unit tests for each task
- Implemented **REST API** endpoints using **Gin-Gonic** and **Gorm**
- Developed insights that improve SIEM integrations' performance and validation, such as **Splunk**, **IBM QRadar** and **Microsoft Sentinel**

STM

CYBER SECURITY INTERN (MALWARE RESEARCHER)

Ankara, Turkey

09 May 2022 - 26 Aug. 2022

- Developed malware that are **100%** undetectable on **VirusTotal** by implementing sophisticated defense evasion techniques in **C++**
- Made **CTF (Capture the Flag)** challenges for Turkey's biggest CTF, STM CTF 2022
- Worked on the web application of STM CTF 2022 as **Full-Stack** developer

BTK Academy

COURSE LECTURER

Ankara, Turkey

26 July 2022 - 18 Aug. 2022

- Lectured mobile application development with **Flutter** to university students for 24 hours in 4 weeks

BAYKAR Defense

FULL-STACK DEVELOPMENT INTERN

Istanbul, Turkey

31 May 2021 - 03 Sep. 2021

- Worked on a project that visualizes **GIS data** on a dynamic map application with **SDLC** methodology by using **Javascript**, **JQuery**, **Flask**, **Python** and **GIS analyzers** (Allowed to share very little information due to confidentiality)

Projects & Awards

2nd Place | given by Turkish Airlines on TEKNOFEST 2022 | EasyTK

Samsun, Turkey

FLUTTER, AR

- My teammates and I developed an indoor navigation application. Our solution enables passengers to find the shortest path in airports and follow the route with AR lines.

1st Place | given by PwC Deutschland on Hackathon Interschutz 2022 | ARTEAL

Hannover, Germany

REACT, NEUROSKY, VR, UNITY 3D

- My teammates and I built a tool to train volunteers for crisis situations using VR and we used this data to match volunteers with situations to best their skills. We also build a web-based control panel that shows all the details on a real-world map.
- 1st place in Match Challenge given by PwC Deutschland and 2nd place overall.

1st Place | given by Presidency Digital Transformation Office | Malware.Studio

Ankara, Turkey

REACT, GOFIBER, MONGODB, DOCKER, DOCKER-COMPOSE, GO BASED MY UNIQUE MALWARE

- Developed a web-based platform to create FUD unique malware with user-requested functionality

Skills

Programming

Go, Java, C, C++, JavaScript, Typescript, Python

Frameworks & Libraries

Gin-Gonic, Gorm, ExpressJS, React, NextJS, Flutter, Redux, TailwindCSS

Database Systems

PostgreSQL, MongoDB, Firestore

Relevant Coursework

Algorithm Design, Data Structures, Game Theory, Computer Architecture, Object Oriented Programming, Computer Networks, Database Systems, Operating Systems, Big Data

Languages

English(Full professional proficiency), German(A2), Turkish(Native)