

# Ahmet Eren BOYACI

COMPUTER ENGINEER · BACKEND DEVELOPER

☎ (+90) 507-982-1413 | ✉ ahmterenboyaci45@gmail.com | 📷 aeboyaci | 🌐 ahmet-eren-boyaci-99a943192

## Education

### TOBB University of Economics and Technology

B.S. IN COMPUTER ENGINEERING

CGPA: 3.41 (Honor Student)

Ankara, Turkey

Sep. 2019 - Aug. 2023

## Experience

### Picus Security

Ankara, Turkey

SOFTWARE ENGINEER

25 Sep. 2023 - Present

PART-TIME SOFTWARE ENGINEER

26 Sep. 2022 - 25 Sep. 2023

- 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

Ankara, Turkey

CYBER SECURITY INTERN (MALWARE RESEARCHER)

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

Ankara, Turkey

COURSE LECTURER

26 July 2022 - 18 Aug. 2022

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

### BAYKAR Defense

Istanbul, Turkey

FULL-STACK DEVELOPMENT INTERN

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 the 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)