Ahmet Eren **BOYACI**

COMPUTER ENGINEER · BACKEND DEVELOPER

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Education

TOBB University of Economics and Technology   *Ankara, Turkey*

B.S. IN COMPUTER ENGINEERING   *Sep. 2019 - Aug. 2023*

GPA: 3.53 (High Honor Student)

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)

Experience

Picus Security   *Ankara, Turkey*

PART-TIME SOFTWARE ENGINEER   *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** and **IBM QRadar**.

STM   *Ankara, Turkey*

CYBER SECURITY INTERN (MALWARE RESEARCHER)   *09 May 2022 - 26 Aug. 2022*

- Developed malwares that are **100%** undetectable at **VirusTotal** by using **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

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

ARTEAL | 1st Place | given by PwC Deutschland on Hackathon Interschutz 2022   *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, 2nd place in overall.

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