Hasim Zafer Cicek

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EDUCATION

Hacettepe University — **Ankara, Turkey**
Bachelors in Computer Science — *Oct. 2019 – Jun. 2024*
- **Relevant Courses:** Machine Learning, Deep Learning, Database Management Systems, Computer Vision, Fundamentals of Blockchain, Information Security

EXPERIENCE

Software Engineer — **Remote**
Freelance — *July. 2024 – Present*
- Improved product sales by developing web scraping tools for e-commerce websites using **Python** and **Selenium**, implementing multithreading to optimize performance.
- Utilized **DataForSEO** APIs to gather market data and insights.
- Employed **Google Cloud** for automating tasks and processes.

Software Engineer Intern — **Gebze, Turkey**
Tubitak — *Aug. 2023 – Sept. 2023*
- Enhanced the Submarine Warfare Management System by developing a user-friendly GUI and data visualization components using **C++** with **Qt** and the Qwt library.

Front-End Engineer Intern — **Ankara, Turkey**
Turboard — *June 2023 – Aug. 2023*
- Improved application performance by identifying and fixing **12** critical software bugs.
- Used **Vue.js**, **TypeScript**, and **JavaScript** for development.

PROJECTS

NFT Marketplace with Secret Bidding
- Studying the **Mina Protocol** to develop blockchain applications.
- Developing an NFT marketplace featuring secret bidding mechanisms.

Student E-commerce Platform with Virtual Currency
- Designed a forum-based e-commerce system with virtual currency for bidding and transactions.
- Implemented User Management and Bidding System using **Python Flask**, **Jinja**, and **PostgreSQL**; conducted unit testing with **Postman**.

Sends.email (An Innovative Email Website)
- Enhanced user experience in email management by developing AI-assisted features.
- Implemented message summarization, response suggestions, and CRUD operations using **Java Spring Boot**.

LEADERSHIP AND ACTIVITIES

Problem Setter — **June 2023 – Present**
Algoleague
- Validated test cases for **72** problems, improving problem set accuracy.
- Created comprehensive editorials for **39** problems and authored **14** original problems.

Volunteer Instructor — **Oct. 2023 – Apr. 2024**
ACM Hacettepe
- Taught data structures and algorithms in Algo101 and Algo102 courses.
- Extended courses due to popular demand, engaging students in problem-solving events.

Huprog Senior Team Lead — **June 2022 – June 2023**
ACM Hacettepe
- Led organization of the **HUPROG 2023** contest, increasing participation by **10%**.
- Produced **4** competition and **4** homework questions, fostering a stimulating learning environment.