

Hasim Zafer Cicek

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EDUCATION

Hacettepe University

Bachelors in Computer Science

Ankara, Turkey

Oct. 2019 – Jun. 2024

EXPERIENCE

Backend Engineer

Ankara, Turkey

TechNarts

Mar. 2025 – Present

- Contributing to the company's flagship project with over **10 years of development history**, working on critical backend infrastructure and system improvements.
- Successfully closed **15+ issues** by developing new features, optimizing system performance, and resolving critical bugs to enhance overall platform stability.

Software Engineer

Remote

Part-time 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.
- Developed and published a Google Workspace extension for **Aitopia Chat**, integrating its services with Google Sheets, Docs, and other Workspace applications. This extension has achieved over **31k+** downloads and a **4.8 average user review score**.

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

Stock Trading Automation System

- Founded and lead a 7-member team developing an automated stock trading system utilizing **technical analysis** and **financial sentiment analysis** of market texts.
- Architected and deployed the automation infrastructure on **Google Compute Engine** for scalable trading operations.
- Coordinated cross-functional development efforts across algorithm design, data processing, and system deployment.

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**.

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 Algo101 and Algo102 courses. Furthermore, introduction to programming with **C++** course.

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.