

Hasim Zafer Cicek

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EDUCATION

Hacettepe University

Bachelors in Computer Science

Ankara, Turkey

Oct. 2019 – Jun. 2024

Ongoing Courses: Machine Learning, Deep Learning, Database Management Systems, Computer Vision, Fundamentals of Blockchain, and Information Security.

EXPERIENCE

Software Engineer Intern

TÜBİTAK (The Scientific and Technological Research Council of Turkey)

Gebze, Turkey

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

Turboard

Ankara, Turkey

June 2023 – Aug. 2023

- Improved application performance by identifying and fixing **12** critical software bugs.
- Enhanced user experience by leading the development of interactive web applications.

PROJECTS

Student E-commerce Platform with Virtual Currency

- Designed for students to share or sell goods within their community with a teammate. It functions like a forum-based e-commerce system with a virtual currency for bidding and transactions. Students can list items, browse listings, participate in auctions, and communicate with each other.
- Mostly worked on User Management and Bidding System. Developed over 30 Functionalities. Used python **Flask** library for back-end **Jinja** library for front-end and **Postgres** for database.

Sends.email (An Innovative Email Website)

- Designed to enhance user experience and productivity by addressing common challenges in email management. Worked with 3 teammates.
- Found **19** Innovative ideas can be developed. Developed AI-Assisted Message Summarization, AI-Driven Response Suggestions and CRUD operations for emails on backend side. Used **Springboot** with **Java**.

LEADERSHIP AND ACTIVITIES

Problem Setter

Algoleague

June 2023 – Present

- Improved problem set accuracy by validating test cases for **72** problems.
- Enhanced solution comprehension by creating comprehensive editorials for **39** problems.
- Created **14** problems from scratch.

Volunteer Instructor - Algo101 and Algo102

ACM Hacettepe

Ankara, Turkey

Oct. 2023 – Apr. 2024

- Facilitated fundamental data structures and algorithms classes, engaging students in problem-solving events and mini-contests to foster a competitive learning environment.
- Initiated and maintained a regular feedback mechanism through anonymous forms and face-to-face conversations to enhance teaching methods and class content.
- Extended the Algo101 course from its initially planned 7 weeks to 8 weeks due to popular demand. Responding to continued interest, initiated the development of Algo102, an additional 8-week course.

Huprog Senior Team Lead

ACM Hacettepe

June 2022 – June 2023

- Increased overall participation by **10%** by leading the team in organizing the successful competition. **HUPROG 2023** contest.
- Fostered a stimulating learning environment by producing **4** competition and **4** homework questions.