Hasim Zafer Cicek

+90-541-442-2858 | hasimzafer.cicek@gmail.com | linkedin.com/in/hasim-zafer-cicek | github.com/hasimzc

EDUCATION

Hacettepe University Ankara, Turkey

Bachelors in Computer Science *Oct. 2019 – Present*

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

EXPERIENCE

Software Engineer Intern Gebze, Turkey

TÜBİTAK (The Scientific and Technological Research Council of 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 Ankara, Turkey

Turboard *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

Emergency Vehicles Detection @GitHub

- Played a crucial role in formulating an emergency vehicle detection solution using **Faster R-CNN** approach, contributing significantly to enhancing model accuracy.

Data Science And Analytics Practicum @GitHub

Turk Telekom & TRAI

- Acquired proficiency in data science technologies in a 10-week intensive program, contributing to 2 projects.
- Pioneered a comprehensive analysis on the causes of traffic accidents in England, providing actionable insights for preventive measures.
- Devised an evaluative study on happiness indices across countries, tracking temporal changes to determine key influencing factors.
- Used **Python** on **Jupyter Notebook** platform and used **pandas, NumPy, seaborn, Matplotlib** libraries.

LEADERSHIP AND ACTIVITIES

Editorialist

Algoleague *June 2023 – Present*

- Improved problem set accuracy by validating test cases for **48** problems.
- Enhanced solution comprehension by creating comprehensive editorials for **25** problems.

Volunteer Instructor - Algo101 and Algo102 Ankara, Turkey

ACM Hacettepe *Oct. 2023 – Present*

- 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.