

# Hasim Zafer Cicek

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## EDUCATION

### Hacettepe University

Bachelors in Computer Science

Ankara, Turkey

Oct. 2019 – June 2024

**Coursework:** Machine Learning, Deep Learning, Database Management Systems, Computer Vision

## EXPERIENCE

### Software Engineer Intern

Tubitak

Ankara, Turkey

August 2023 – September 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 – August 2023

- Boosted application performance by isolating and rectifying **12** critical software bugs.
- Heightened user experience by pioneering and administrating interactive web applications.

### Editorialist

Algoleague-Inzva

June 2023 – Present

- Augmented problem set precision by validating test cases for **48** problems.
- Amplified solution comprehension by formulating comprehensive editorials for **25** problems

### Huprog Senior Team Lead

ACM Hacettepe

June 2022 – June 2023

- Catalysed overall participation by spearheading and inspiring team towards successful organization of **HUPROG 2023** contest.
- Nurtured a stimulating learning environment by producing **4** competition and **4** homework questions.

### Volunteer Instructor - Algo101

ACM Hacettepe

Ankara, Turkey

October 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.

## PROJECTS

### Emergency Vehicles Detection

### Repository Link

- 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

### Repository Link

- Acquired proficiency in data science technologies in a 10-week intensive program, contributing to two significant 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.