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GitHub Profile  
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## EDUCATION

### •Bilkent University

Sep 2023- Sep 2024

Computer Science Masters

GPA: 3.10

- Courses: Deep Learning, Learning for Robotics, Data Science for Software Engineering, Computational Geometry, Data Privacy, Automated Program Repair, Information Retrieval
- Teaching Assistant: Algorithms and Programming I, Computers and Data Organization
- Contributor to projects: Newt and sbgnviz.js

### •TOBB ETU

2019-2023

Computer Science Bachelors

GPA: 3.05

- Electives: Data Mining, Natural Language Processing, Machine Learning, Deep Learning, Computer Vision, Cryptography

## EXPERIENCE

### •Jotform

Oct 2024-Current

Junior Data Engineer

Ankara, Turkey

- Designing and implementing automated data marts using SQL
- Developing and maintaining scheduled ETL jobs for data transfer across systems

### •Netcad

Sep 2022-Dec 2022

Machine Learning Intern

Ankara, Turkey

- Worked on research and development of Graph Neural Networks for point cloud part segmentation problem.
- Implemented custom Graph Neural Networks using PyG (PyTorch Geometric).

### •Turkcell

Jan 2022-May 2022

Machine Learning Intern

Istanbul, Turkey

- Worked on facial recognition, age estimation and gender estimation
- Implemented CNNs with Tensorflow

### •HAVELSAN

May 2021-Sep 2021

Computer Engineering Intern

Ankara, Turkey

- Worked on development of a twin-turbine helicopter simulation

## RESEARCH EXPERIENCE

### –Watermarking Language Models

Feb 2023-Nov 2023

COLING 2025 GenAIDetect Workshop

- \* Watermarking algorithms for Large Language Models to detect machine-generated text
- \* Tools & technologies used: Python, PyTorch, HuggingFace Transformers
- \* See the full paper here.

## TECHNICAL SKILLS AND INTERESTS

**Developer Tools:** C(Proficient), Python(Advanced), Java(Proficient), SQL(Advanced)

**Packages:** PyTorch, Tensorflow, HuggingFace Transformers, Scikit-learn, Numpy, SciPy, Pandas, NLTK, Matplotlib

**Areas of Interest:** Natural Language Processing, Large Language Models, Machine Learning, Data Science, Ethical AI

## LANGUAGES

**English:** IETLS 7.5, e-YÖKDİL 90, METU EPE 93

**Turkish:** Native proficiency

**German:** Beginner proficiency

## CONTESTS

–**SİU2023-NST: Hate Speech Detection:** 1st place in two categories.

–**2024 Teknofest T3 AI Hackathon:** Finalist and 4th place in LLM Finetuning over 327 teams.

–**2024 Teknofest Trendyol E-commerce Hackathon:** 2nd place. Developed a pipeline for enhancing user products.