

AHMET ÇAĞATAY SAVAŞLI

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SUMMARY

Research Assistant and M.Sc. student in Artificial Intelligence specializing in Computational Finance and Natural Language Processing (NLP). Experienced in developing AI models leveraging Large Language Models (LLMs) for financial document analysis. Skilled in Python, C++, and deep learning frameworks with a strong background in robotics algorithms and genomic data analysis through research projects at TUBITAK and Özyeğin University.

EDUCATION

Özyeğin University

M.Sc. in Faculty of Engineering - AI Department

2023 – Present

Istanbul, Türkiye

- Research Topic: Machine Learning in Finance, Computational Finance.

Özyeğin University

B.Sc. in Computer Science (AI Track)

2017 – 2023

Istanbul, Türkiye

- Thesis: MergerBERT: Predicting Mergers & Not-Mergers from Text via Pretrained Language Models.

EXPERIENCE

Özyeğin University

Research Assistant

Sep 2022 – Present

Istanbul, Türkiye

- Developing AI models that leverage Large Language Models (LLMs) to analyze financial documents.
- Conducting research to predict actions with financial implications using NLP techniques.
- Teaching Assistant for CS 101/104 (Intro to Programming), CS 201 (Data Structures), and Math courses.

Nettsi Informatics Technology

Software Engineer Intern

Jul 2021 – Sep 2021

Istanbul, Türkiye

- Developed a networking project using C++, Python, and WireShark.
- Wrote data analysis code running on pcap files, reducing analysis times by 66%.

TECHNICAL SKILLS

Computer Skills	Python, Java, C, C++, SQL, Linux, ROS, Machine Learning, Deep Learning, NLP
Frameworks	PyTorch, TensorFlow, Pandas, NumPy, Scikit-learn
Languages	Turkish (Native), English (Fluent)

PROJECTS & LEADERSHIP

Özyeğin University Rover Team (OzU Rover)

Head of Robotic Arm Division / Developer

Nov 2018 – Jul 2022

Istanbul, Türkiye

- Head of Robotic Arm Division (2022):** Developed algorithms for armduinios to communicate via RxTx protocol serially. Created multi-concept controlling methods for the "Hope" rover manipulator.
- Arm Division Leader (2019-2020):** Created an automated system to adapt the rover's launch file for changing USB ports, enabling operation within seconds.
- Achievements:** Qualified for finals in Rover Challenge 2020 & 2022 (USA). Ranked 8th in European Rover Challenge 2020.

Project APOLLO (Yandex Music Hackathon)

Team Member

Jul 2020

Istanbul, Türkiye

- Developed a location-linked music sharing app using Yandex Music and Maps APIs.
- Won the "Honor Team Prize Award" among 14+ teams.

PUBLICATIONS

- A.Ç. Savasli**, D. Tutuncu, A.P. Ndigande, and S. Ozer, "Performance Analysis of Meta-Learning Based Bayesian Deep Kernel Transfer Methods for Regression Tasks," *31. IEEE Signal Processing and Communications Applications Conference (SIU)*, 2023.
- H. Gokay, A. Caldir, **A.Ç. Savasli**, N. P. Celik, S. Yildirim, and Ö. Bebek, "The Comparative Analysis of the Strategies Used in Planetary Rovers' Autonomous Locomotion," *Turkey Robotics Conference*, 2019.