

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 Ozyegin University.

EDUCATION

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| Özyegin University
<i>M.Sc. in Faculty of Engineering - AI Department</i> | 2023 – Present
<i>Istanbul, Türkiye</i> |
| · Research Topic: Machine Learning in Finance, Computational Finance. | |
| Özyegin University
<i>B.Sc. in Computer Science (AI Track)</i> | 2017 – 2023
<i>Istanbul, Türkiye</i> |
| · Thesis: MergerBERT: Predicting Mergers & Not-Mergers from Text via Pretrained Language Models. | |

EXPERIENCE

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| Özyegin University
<i>Research Assistant</i> | Sep 2022 – Present
<i>Istanbul, Türkiye</i> |
| · 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
<i>Software Engineer Intern</i> | Jul 2021 – Sep 2021
<i>Istanbul, Türkiye</i> |
| · 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

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| Özyegin University Rover Team (OzU Rover)
<i>Head of Robotic Arm Division / Developer</i> | Nov 2018 – Jul 2022
<i>Istanbul, Türkiye</i> |
| · Head of Robotic Arm Division (2022): Developed algorithms for arduino 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)

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| <i>Team Member</i> | Jul 2020
<i>Istanbul, Türkiye</i> |
| · Developed a location-linked music sharing app using Yandex Music and Maps APIs. | |
| · Won the "Honor Team Prize Award" among 14+ teams. | |

PUBLICATIONS

- A.C. 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.C. 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.