Atahan Çaldır

Little Falls, NJ, 07424 (Willing to relocate)

Green Card holder (Permanent resident of the United States)

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EDUCATION

Özyeğin University   *Istanbul, Turkey*
Bachelor of Science, Computer Science   September 2018 - January 2023
- GPA: 3.81/4.00

EXPERIENCE

Özyeğin University   *Istanbul, Turkey*
Undergraduate Research Assistant   October 2021 - July 2022
- Worked with Dr. Mehmet Özsoy and Dr. Ata Can Bertay on global cryptocurrency statistics

University of Cambridge   *Cambridge, UK*
Research Intern   July 2021 - September 2021
- Worked remotely in the AFAR Lab under the supervision of Prof. Hatice Güneş on a human-robot interaction project in which ROS (Robot Operating System) is used to develop an experiment environment for Pepper Robot

Özyeğin University   *Istanbul, Turkey*
Research Intern   February 2021 - June 2021
- Worked with Dr. Reyhan Aydoğan on a human-robot negotiation project in which I was funded by Scientific and Technological Research Council of Turkey (TUBITAK) with the "TUBITAK STAR Program" grant

Undergraduate Research Assistant   May 2020 - January 2021
- Worked with Dr. Mehmet Özsoy on applications of NLP in Economics

HONORS & AWARDS

- OBSS, University Specific 1st Prize in CodeMaster Hackathon   March 2022
- Özyeğin University, High Honors List   2019 - 2023
- Yandex, Honor Team Award in MusicHackOzyegin Hackathon among +14 teams   July 2020
- Alternatif Bank, 1st Prize in Unobstructed Banking Hackathon among +9 teams   March 2020
- Özyeğin University, Undergraduate Placement Exam Entrance Scholarship (100%)   2018

PROJECTS

OzU Rover Team   *Istanbul, Turkey*
Technical Team Leader   September 2019 – April 2020
- Managed CS, EEE, ME division members to work collaboratively
- Developed the team's 5th generation rover's ("Hope") software and electronic parts of the science module for the University Rover Challenge 2020 organized by The Mars Society in USA (Qualified for the finals) (Challenge canceled due to COVID-19 pandemic)

Software Developer   November 2018 – April 2020
- Programmed different modules of the team's 4th generation rover prototype, Theia II
- Ranked 13th among 56 teams in European Rover Challenge 2019 organized by European Space Agency (ESA) in Poland

PUBLICATIONS

- Axelsson, M., Churamani, N., **Çaldır, A.**, & Gunes, H. (2022). "Participant Perceptions of a Robotic Coach Conducting Positive Psychology Exercises: A Systematic Analysis". https://doi.org/10.48550/arXiv.2209.03827

- Churamani, N., Axelsson, M., **Çaldır, A.**, & Gunes, H. (2022). "Continual Learning for Affective Robotics: A Proof of Concept for Wellbeing". https://doi.org/10.48550/arXiv.2206.11354
  Paper presented at 10th International Conference on Affective Computing and Intelligent Interaction (ACII) 2022

- Gökay, H., Çelik, N., Savaşlı, A., **Çaldır, A.**, Yıldırım, S., & Bebek, O. (2019). "The Comparative Analysis of the Strategies Used in Planetary Rovers' Autonomous Locomotion"
  Paper presented at Turkey Robotics Conference (ToRK) 2019

Extracurricular Activities

- Board Member, OzU Interdisciplinary Thought Club, Özyeğin University 2020 - 2021
- Speaker, Turkish Technology Team Foundation 2019

Skills

Languages: Turkish (Native), English (Fluent), German (Beginner)
Programming Languages: Python (+8 years), C++, Java, SQL, HTML
Frameworks: Robot Operating System (ROS), ROS 2, OpenCV, Keras/Tensorflow, PyTorch, Scikit-learn, Selenium
Other Technologies: Docker, Arduino programming, Webots, Choregraphe, Socket programming, GUI programming, RESTful APIs