

FURKAN ÇİTİL

AI Enthusiast

Ankara, Turkey, 06400

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EDUCATION

Middle East Technical University

Senior Undergraduate

Department of Electrical Electronics Engineering

October 2019 - Present

Overall GPA: 3.27/4

LANGUAGES

Turkish Native

English Fluent

Spanish Beginner

EXPERIENCE

METU OGAM (METU Center for Image Analysis)

Jan 2023 - Present

Undergraduate Researcher

- Working on event based vision under the supervision of Aydın Alatan
- Exploring possible use cases for the fuse of event vision sensors and depth cameras

Micropsi Industries

July 2023 - Sept 2023

Robotics Software Engineering Internship

- Worked on software integration of Fanuc robots to the company's existing system MIRAI in infrastructure and robotics teams
- Researched and implemented algorithms for the new feature releases

Kuartis Technology and Consulting

July 2022 - Sept 2022

Computer Vision and Machine Learning Engineering Internship

- Built camera calibration pipeline for a MWIR camera
- Researched and implemented convex optimization algorithms for high speed applications
- Implemented numerical methods for computer vision algorithms to run on FPGAs

SensHero Predictive Maintenance Solutions

Agu 2021 - Oct 2021

Data Science Internship

- Contributed to a project about fault detection in electric transmission lines
- Built models for condition monitoring and predictive maintenance

EXTRA-CURRICULAR

First Place in UORG 2023 Target Tracking (Image Processing and Control)

First Place in UORG 2022 Autonomous UAV Computer Vision Category (Image Processing)

Third Place in UORG 2022 Autonomous UAV Autopilot Category (Algorithm Development)

Second Place in METU VTOL 2020 Sponsored by Boeing (Image Processing and Design)

First Place in International Robot Competition 2020 (Image Processing and Team Presenter)

11th Place in Swarm UAV Competition - TEKNOFEST 2020 (Path Planning)

Google Solution Challenge 2021(Mobile App Development with Flutter)

AdimODTÜ Undergraduate Research Grant Program in 2020-2022

DTS2022 Course as a part of Design Factory Global Network (Interdisciplinary Course in METU)

Deep Learning Study Group # 7 with Inzva (a Turkish Hacker Community)

Mentorship in the IEEE METU, Specifically Robotic and Automation Society (RAS) subdivision

TECHNICAL STRENGTHS

Computer Languages Python, C/C++, MATLAB, Dart

Software & Tools Pytorch, Tensorflow, OpenCV, L^AT_EX, Flutter, Git, Gazebo, Solidworks

CERTIFICATES

Machine Learning by Stanford Online

Credential ID: GY4VF4K9FVLJ

Neural Networks and Deep Learning by deeplearning.ai

Credential ID: 7WW5C7RY4N2Z

LINKS

Website fcitil.github.io

Github github.com/fcitil

LinkedIn linkedin.com/in/fcitil

Kaggle kaggle.com/furkancitil