FURKAN ÇİTİL

AI Enthusiast

Ankara, Turkey, 06400

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EDUCATION

Middle East Technical University   *October 2019 - June 2024*
Undergraduate   Overall GPA: 3.23/4
Department of Electrical Electronics Engineering

LANGUAGES

Turkish	Native
English	Fluent *(IELTS Overall Band Score : 7)*
Spanish	Beginner

EXPERIENCE

ASELSAN   July 2024 - Present
System Engineer

· Developing algorithms for EO/IR and UV systems

Databoss Security & Analytics   March 2024 - July 2024
Computer Vision and Machine Learning Engineer

· Conducted research on SOTA blind super-resolution algorithms
· Developed and implemented algorithms for remote-sensing applications

METU OGAM (METU Center for Image Analysis)   Jan 2023 - Present
Undergraduate Researcher

· Researching on event based vision under the supervision of Aydın Alatan
· Working on the fuse of event vision sensors and depth cameras for visual navigation

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
· Builded 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)

AdımODTÜ 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, ROS, OpenCV, LaTeX, Git, Flutter, 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

REFERENCES

Research Advisor: A. Aydın Alatan

Internship Mentor: Orhan Can Görür