

# 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

## TECHNICAL STRENGTHS

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

**Software & Tools** Pytorch, Tensorflow, OpenCV, L<sup>A</sup>T<sub>E</sub>X, Flutter, Git, Gazebo, Solidworks

## CERTIFICATES

**Machine Learning by Stanford Online**

**Neural Networks and Deep Learning by deeplearning.ai**

Credential ID: GY4VF4K9FVLJ

Credential ID: 7WW5C7RY4N2Z

## EXPERIENCE

**SensHero Predictive Maintenance Solutions**

*Data Science Internship*

Agu 2021 - Oct 2021

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

**Kuartis Technology and Consulting**

*Computer Vision and Machine Learning Engineering Internship*

July 2022 - Sept 2022

- Built camera calibration pipeline for an infrared camera
- Researched and implemented convex optimization algorithms for high speed applications

**Micropsi Industries**

*Robotics Software Engineering Internship*

July 2023 - Sept 2023

- 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

## EXTRA-CURRICULAR

Undergraduate Researcher at METU OGAM (Event-based Vision)

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)  
11<sup>th</sup> Place in Swarm UAV Competition - TEKNOFEST 2020 (Development and Implementation of a Path Planning Algorithm)  
Google Solution Challenge 2021(Mobile App Development with Flutter)  
AdımODTÜ Undergraduate Research Grant Program in 2020-2022  
Deep Learning Study Group # 7 with Inzva(a Turkish Hacker Community)  
DTS2022 Course as a part of Design Factory Global Network(Interdisciplinary Course in METU)  
Mentorship in the IEEE METU, Specifically Robotic and Automation Society (RAS) subdivision  
Active member at CClub METU, Student Society Related Computer Science

## LINKS

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<b>Github</b>	<a href="https://github.com/fcitol">github.com/fcitol</a>
<b>LinkedIn</b>	<a href="https://linkedin.com/in/fcitol">linkedin.com/in/fcitol</a>
<b>Kaggle</b>	<a href="https://kaggle.com/furkancitol">kaggle.com/furkancitol</a>