

# Ozan Efe Topcu

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## Experience & Projects

### ADASTEC Corporate

Istanbul, Turkey

#### Localization & Vehicle Interface Intern

June 2022 – July 2022

- Created a project of a real-world track that simulates the pre-recordings of a point cloud from a Lidar sensor. It assisted a minimum of 20% of the company with its future solutions regarding localization.
- Supported the company with obtaining 6 separate full-scale recordings of different environments. (Including in countries like Norway, the USA, and Turkey)
- With the knowledge gained concerning ROS and its communication infrastructure, guided 5 new-coming interns on possible applications of it on autonomous vehicles.

### Columbia University

#### Data Acquisition and Visualization Project

August 2020

- Used a resistive soil moisture sensor to gather water content of a 100-meter squared area to be used for testing large-scale irrigation systems.
- Processed the data in MatLab for future visualization and provided a separate heat map for each of the 25 test cases.

## Education

### Tampere University of Applied Sciences

Tampere, Pirkanmaa, Finland

BA, Software Engineering, 4.41/5 GPA, Studying with the maximum amount of scholarship  
Related Coursework: Embedded Projects (4/5), Programming Languages 3(5/5), Operating System Concepts and Linux Programming, AI and Machine Learning (5/5)

### Hexagon Science High School

Bursa, Turkey

4.9 GPA/SAT: 1440 /IELTS: 7.5

## Skills & Interest

**Language:** Fluent in Turkish and English, Entry level in Finnish

**Technical:** Decision Tree/Prediction Algorithms, Shell Scripting, Cloud Services(AWS), Python

**Social:** 2<sup>nd</sup> place in the regional sailing competition, +5 years in Model United Nations including Committee Director role, Breakthrough Junior Challenge 2020 Physics contestant

**Interests:** Learning a new technical tool for software development every month, going out and trying new restaurants with friends, and going for trekking in the forest.