

# Alperen Bitirgen

SENIOR COMPUTER ENGINEERING STUDENT

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## Summary

I am a senior computer engineering student at Middle East Technical University. I am interested in the area of machine learning and deep learning while seeking to gain professional experience over their applications. I would be glad to gain professional experience as an engineer and a researcher. I have been enthusiastic about improving my technical and theoretical knowledge as well as making use of those in the practical aspects through real-world problems and practices.

## Education

### Middle East Technical University

BACHELOR'S IN COMPUTER ENGINEERING

Ankara, Turkey

September 2019 - Present

- Excelled in various computer science and machine learning concepts through lectures and projects in theoretical and practical manner.

### Middle East Technical University

BACHELOR'S IN ELECTRICAL AND ELECTRONICS ENGINEERING

Ankara, Turkey

August 2016 - September 2019

- I had the chance to practise in various entry-level topics such as: circuit design and analysis, electromagnetic waves, and semiconductors. Experiencing these fields made me realize that I would not want to work in this field in the long run.

## Experience

### ULKEM INC.

SOFTWARE DEVELOPER INTERN

Ankara, Turkey

February 2021

- I designed and produced a user interface that allows the video from the IP camera to be embedded on the website in real time and to change the camera settings by the user.

## Skills

**Programming Languages** C/C++, Matlab/Octave, Python, JavaScript

**Technical Knowledge** GIT, Command Line

**Data Science Frameworks** NumPy, Pandas, Matplotlib, Seaborn

**Machine Learning Frameworks** TensorFlow, Scikit-learn, PyTorch

**Languages** Turkish (Native), English (Proficient)

## Projects

### Class Projects

WORLD METAL TRADE

- Implementation of World Metal Trade as a generic hash table along with its accompanying hash function using C++.

SIMPLE SOCIAL NETWORK

- A simple social network implemented as doubly linked list using C++.

## Achievements and Certificates

### Deep Learning Specialization

DURATION: 79 HOURS. OFFERED BY DEEPEARNING.AI

October 2021

Coursera

- <https://www.coursera.org/specializations/deep-learning?>