

# Görkem Temizel

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## 📁 Professional Experience

### Machine Learning Intern, Arçelik Global

02/2021 – present

- Research and article writing on Quality intelligence was carried out.
- Participated in the DeepRacer competition as one of the representatives of the Data & AI team.
- Work continues on the Voice of the Customer project.

### Machine Learning Engineer(part-time), Tiko

02/2021 – present

- A machine learning pipeline for Tiko analytics is complete end-to-end. Improvements continue.

### Research and Assistant Student,

Kocaeli University, AI Lab.

08/2020 – present | Kocaeli, Turkey

- Building ML pipelines for various datasets about health.
- Contributing to article writing.

### Machine Learning Lead Intern, Tiko

11/2020 – 02/2021

- A team of 8 people with varying knowledge levels was led during the internship in the field of artificial intelligence.
- At the end of the internship, a machine learning project was developed with two person team.

### Database Administrator Intern(part-time),

Kuveyt Turk Participation Bank

11/2019 – 05/2020 | Kocaeli, Turkey

- Contribution was made to the disorganization process in order not to use the data coming from the real world directly in the sub-environments.
- Contribution was made to the process of backing up databases.
- Contribution was made to processes such as cleaning extra backup files and verifying reports of databases.

## 🎓 Education

### Bachelor of Science : Computer Engineering, Kocaeli University

2017 – present

Kocaeli, Turkey

- GPA: 3.48

## 🧠 Skills

### Programming Languages

C, C++, Java, Python

### Database

SQL, NOSQL, MongoDB, MSSQL, PostgreSQL

### AI-ML-DL

Scikit-Learn, Tensorflow, PyTorch, Keras, Numpy, Pandas, Matplotlib, Seaborn

## 🗣 Languages

Turkish

English

## 📖 Courses

### Applied Data Science Module,

WorldQuant University 🔗

01/2020 – 06/2020

## Projects

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### **Predicting Taxi Customer Location Based on Machine Learning Methods, Kocaeli University - AI Lab.**

09/2020 – present

- A team worked together with the graduate student.
- In order to prove that you can work with big data belonging to the project, success has been achieved with some of the Google Taxi data.
- Studies were conducted with limited data in the province where the project is expected to take place. Data was generated due to insufficient data.
- The studies and improvements of the project are still ongoing.
- Creating and developing the machine learning model, analyzing data, creating documentation are the tasks I have undertaken within the scope of the project.

### **Machine Learning Based Radiomics Analysis of Subtype of Renal Cell Carcinoma,**

*Kocaeli University - AI Lab.*

08/2020 – present

- The team including radiologist, assistant professor, doctoral student and undergraduate student was worked on.
- A machine learning model was created by translating images with tumors in DICOM format into digital data in Radiomics format. The created model makes tumor cell classification.
- The created model was measured with metrics such as accuracy, f1, MCC, AUC.
- The article writing process about the study continues.
- Formatting of data, feature selection, model selection, model development, metric selection, literature review, and article writing are among the tasks I have undertaken in this project.

### **Predicting House Type, Tiko - Intern Project**

01/2021 – 02/2021

- The machine learning process has been designed from the ground up and created with the scikit-learn library. The pipeline was completed by creating new classes under necessary conditions.
- All machine learning processes, documentation, presentation preparation were my responsibilities.
- The success I achieved in this project enabled me to get a part time job at Tiko.

### **Machine Learning Scientist with Python Track, DataCamp**

03/2020 – 06/2020

### **Machine Learning Crash Course by Google, Deep Learning Turkey**

04/2020 – 05/2020

### **Neural Networks and Deep Learning, Coursera**

09/2020 – 10/2020

### **Learn English: Intermediate Grammar Specialization, Coursera**

10/2020 – 11/2020

### **Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization, Coursera**

10/2020 – 11/2020

### **Structuring Machine Learning Projects, Coursera**

11/2020 – 11/2020

### **Convolutional Neural Networks, Coursera**

12/2020 – 12/2020

## Organisations

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### **AI Talent Programme Member, AI Talent Programme Member**

07/2020 – present