

# EZGI EFTEKIN

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**Location:** Stirling, Scotland, UK

**Socials:** [GitHub](#) [LinkedIn](#)

## ABOUT ME

An enthusiastic data science and AI researcher candidate who has a massive passion for data-related fields. Interested in deep learning and LLMs and graduated MSc. Artificial Intelligence in the University of Stirling. Looks for an opportunity to grow and improve her skills.

## LANGUAGES

### English

C1 IELTS Academic [Certification](#)

### Turkish

Native Speaker

## KEY COMPETENCIES

**Tech stack:** Python, OpenAI API, Langchain, Pandas, SQL, Numpy, Seaborn, Flask API , Scikit-learn, OpenCV, Keras, Tensorflow, GitHub

**Soft Skills:** Solving problems, team work, collaboration with other teams

## EDUCATION

### MSc, Artificial Intelligence, University of Stirling

09.2023-09. 2024

- Data Science, Machine Learning, Deep Learning
- Masters project on Structured Report Generation
- Travel assistant chatbot

### Graduation Diploma for Computing and Engineering, INTO University of Stirling

2023

- Data analysis with [Excel](#) and [Python](#)
- Reporting findings of data after data analysis

### Bsc, Electrical and Electronics Engineering, Cukurova University

2017-2022

- Volunteer work for the Electromobile Team of Cukurova University
- Graduation Thesis on face recognition with [Keras](#) and [Tensorflow](#).

## PROJECTS

### Masters Project: Structured Report Generation with Bridge

2024

- Masters project with an industry collaboration on structured document generation
- [OpenAI API](#) gpt-3.5-turbo, gpt-4-turbo and gpt-4o-mini were experimented with [prompt engineering](#) methods using a Python library [LangChain](#).
- Gpt-3.5-turbo and gpt-4o models were [finetuned](#)
- The resulting report subsections were logged and evaluated with human evaluation and cosine similarity.

## Travel Assistant Chatbot

2024

- A travel planning assistant which was a project for Deep Learning Module.
- **LangChain** was used to develop the chatbot. An excel file was shared in the prompt template for the model to pick a flight and book it.
- It helps people to plan their travel according to their needs and if they need a flight, it books a flight for them.

## AB Testing and Diabetes Prediction with PySpark

2022

Miuul Data Scientist and Machine Learning Bootcamp

## RFM Analysis

2022

Miuul Data Scientist and Machine Learning Bootcamp

## Bachelors Graduation Thesis: Face Recognition with Cloud Computing

2021

- A face dataset was created. a CNN model was trained to recognise the faces using **Keras** and **Tensorflow**.
- An android app which takes a picture of the user was developed and connected with Google Colab using **REST API**.
- The code running in Google Colab gets the picture, recognises the person in the picture and sends the name of the person with **Flask API** and **ngrok tunnel**.

## INTERSHIPS

### Telemetry Unit Member

07.2020-08.2020

Cukurova University Electromobile Team, Adana, Turkey

### R&D Intern

07.2019-08.2019

TEMSA, Adana, Turkey

## ACHIEVEMENTS

**2nd Place** at TÜBİTAK Efficiency Challenge as Cukurova Electromobile Team

2020

**Certificate of Appreciation** from the Rectorate of Cukurova University

2021

## VOLUNTEER WORK

### Telemetry Unit Member

2019-2021

### Cukurova University Electromobile Team

- Cukurova Electromobile Team is a community that produces EVs to compete in the **Shell Eco-Marathon** and **TÜBİTAK** (The Scientific and Technological Research Council of Turkey) **Efficiency Challenge**.
- The sensor data from various components of the EV is received and sent to a UI to monitor, process, and log the data.
- The data collected from the vehicle: motor temperature, speed, voltage and current of the battery.

## CERTIFICATIONS

### Data Scientist and Machine Learning Bootcamp

June 10 - September 18, 2022

Miuul

### Data Mining Bootcamp

March 15-April 7, 2022

Techcareer

### Data Analysis

March 2, 2022

Global AI Hub

### Intro to Machine Learning

September 5, 2021

Global AI Hub