



# UMUT ÖZDİL

MACHINE LEARNING ENGINEER



## Contact



Buca, İZMİR/TURKEY



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B Class



## Skills

- Data Science
- Java
- Python
- Machine Learning
- Software Engineering
- Backend Engineering
- Deep Learning
- Algorithm Development
- Database
- Spring Framework



## Education

### Master in Electrical and Electronics Engineering

2021 - Present

*Izmir Democracy University*

GPA : 3.63

### BA in Computer Engineering

2017-2021

*Kütahya Dumlupınar University*

GPA : 3.65

### BA in Computer Engineering

2019-2020

*Opole University of Technology (ERASMUS)*

GPA : 3.65



## Work Experience

### Insider

08/2022 - Present

#### Sr. Machine Learning Engineer

- Maintain end-to-end search engine and leading merchandising sub-product, software engineering principles, mentoring team

#### Machine Learning Engineer

- Creating end-to-end search engine with infrastructure, software engineering principles, various APIs, elasticsearch clusters.

### Getir

05/2022 - 07/2022

#### Data Scientist

- Analysing data and creating ML & DL models to be used in production for natural language processing tasks

### AdresGezini

07/2020 - 05/2022

#### Research Engineer

- Researching methodologies and creating ML & DL models, Turkish Speech Recognition tasks, deploying the models on various platforms.

#### Part-time Research Engineer

- Researching methodologies and creating ML & DL models, Turkish NLP tasks, deploying the models on various platforms.



## Projects

### General Purpose Chatbot Application

R&D Engineer

**TUBITAK TEYDEB 1501**

### Automatic Detection of Negative Calls

R&D Engineer

**TUBITAK TEYDEB 1501**

### Speech-to-Text for Turkish Language

R&D Engineer

**TUBITAK TEYDEB 1501**



## Languages

- English
- Turkish



## Certification

### AWS Certified Data Analytics – Specialty

Jan 2024 - Jan 2027

**Amazon Web Services**

### AWS Certified Solutions Architect – Associate

Oct 2023 - Oct 2026

**Amazon Web Services**

### Data Science Methodology

Dec 2020

**Coursera**

### Python for Data Science, AI & Development

Dec 2020

**Coursera**

### Neural Networks and Deep Learning

Nov 2020

**Coursera**



## Scientific Publications

### Journals

- "Detection of Negative Calls in Call Centers with Convolutional Neural Networks", Journal of Information Technologies, 2023.
- "Deep Feature Generation for Author Identification", Celal Bayar University Journal of Science, 2021.
- "Increasing the Classification Accuracy of BERT Model with Zero-Shot Learning", TBV Journal of Computer Science and Engineering, 2021.

### Conference Papers

- "Increasing Performance in Turkish by Finetuning of Multilingual Speech to Text Model", The 30th IEEE Conference on Signal Processing and Communications Applications (SIU), 2022.
- "Auto-tagging of Short Conversational Sentences using Transformer Methods", 2021 Innovations in Intelligent Systems and Applications Conference (ASYU), 2021.
- "Ad Text Classification with Bidirectional Encoder Representations", 2021 6th International Conference on Computer Science and Engineering (UBMK), 2021.