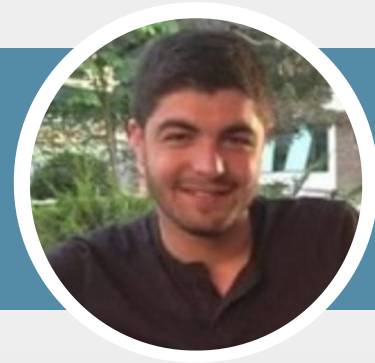


TURGUT OZAL GUVENC

FRONTEND DEVELOPER-DATA SCIENTIST




 Male

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 Boston/USA

CERTIFICATIONS

06.2022 - 04.2023:

Deep Learning Specialization
Online Learning-Coursera

11.2022 - 01.2023:

Convolutional Neural Networks
Online Learning-Coursera

10.2022 - 11.2022:

Structuring Machine Learning Projects
Online Learning-Coursera

08.2022 - 10.2022:

Improving Deep Neural Networks:
Hyperparameter Tuning, Regularization
and Optimization
Online Learning-Coursera

06.2022 - 08.2022: Neural Networks and
Deep Learning
Online Learning-Coursera

01.2022 - 06.2023:

Probability - The Science of Uncertainty
and Data
Massachusetts Institute of
Technology(MIT) / Cambridge-USA

12.2021 - 06.2022:

Data Science and Machine Learning
Bootcamp(300 Hours)

EDUCATION

● Massachusetts Institute of Technology(MIT) / Cambridge-USA

Micro-master Degree in Data Science 2023 - Present

----- I have started to study 1.5 years micro-master program in MIT

● Marmara University / Istanbul-Turkey

Bachelor's degree in Economics Sep 2022 - Jun 2016

----- I finished a bachelor degree in Economics.

WORK EXPERIENCE

● Vakifbank

Position: Data Analyst 2018 - 2021

- I collected and organized data from the database using SQL to evaluate current business and market trends forbanking,

-I automated manual Excel processes into SQL workflows, leading to a remarkable 25% reduction in report anddashboard delivery time, significantly improving business operations.

- I improved business processes by doing systematization of manual work, preparing business unit reports, making Ad-Hoc report requests, and developing KPI reports,

- I performed descriptive and predictive data analysis, reports,visualizations, and dashboards with PowerBI for different departments,

- I tested segments and maintained the baseinterest rate recommendation algorithm using SAS programming Language.

● Balik Sofrasi Fishing Restaurant

Position: Co-founder 2014 - 2018

- I founded a seafood restaurant with my business partner, located in Tekirdağ, on the western coast of Turkey,

- I ran a wholesale business selling fresh and frozen fish to 8 different cities in Turkey.

SKILLS

● Frontend Development

Frontend with Angular Framework 2022 - Current

Technologies: Angular 16, Angular Material and CLI, HTML, CSS, Bootstrap, SASS,TypeScript, JavaScript, Node.js.

08.2021 - 12.2021:

Data Science and Machine Learning(50 Hours)
Online Learning-Udemy

01.2021 - 06.2021:

Complete Python Bootcamp From Zero to Hero(22 Hours)
Online Learning-Udemy

REPOSITORIES:

Data Science:

<https://www.kaggle.com/turgutguvenc>

GitHub:

<https://github.com/turgutguvenc>

Portfolio:

https://turgutguvenc.github.io/turgutguvenc_portfolio_website/

PROJECTS

-----Frontend Development Projects-----

1. Personal Website with Angular
2. Product Sale Website with Angular and ASPNET Core

-----Data Science and ML Projects-----

1. Business Insight 360 with PowerBI
2. Customer Churn Analysis
3. Customer Life Time Prediction
4. Data Modeling with SQL
5. Data Modeling with Apache Cassandra
6. House Price Prediction
7. Covid 19 Project with SQL
8. Time Series Analysis for Stock Market
9. RFM Analysis
10. Recommendation Systems
11. Sign Language Detection
12. Transfer Learning with MobileNetV2
13. Autonomous Driving - Car Detection with YOLO
14. Image Segmentation with U-Net
15. Face Detection VGG-16
17. Language Modeling WITH LSTM
18. NLP & Word Embeddings
19. Neural Machine Translation
20. Trigger Word Detection
22. Transformer Network Application
23. Named-Entity Recognition
24. Images with Generative AI

● Machine Learning

Machine Learning Model Training and Future Predictions

2018 - Current

Supervised Machine Learning Algorithms for Regression and Classification Problems, Unsupervised Machine Learning for Clustering and Association Problems in every type of Business and Organizational Goals

Libraries: Scikit-Learn, Scipy, NLTK

● Data Science and Analysis

Exploratory and Statistical Data Analysis

2018 - Current

Libraries: Pandas, Numpy, Scipy, Matplotlib, Seaborn, Power BI, SAS, PySpark, Databricks, Advanced Excel.

● Deep Learning

Deep Learning Model Training and Future Predictions

2022 - Current

1. Artificial Neural Networks: Regression and Classification Problems for every kind of business and organizational problems.

2. Recurrent Neural Networks: Image captioning, time-series analysis, natural language processing, handwriting recognition, and machine translation.

3. Convolutional Neural Networks: Image Classification and Recognitions in computer vision problems.

4. Semantic segmentations, Transfer Learning, Natural Language Processing(NLP)

Libraries: Tensorflow, Keras, NLTK. PyTorch,

● Computer Vision

Deriving meaningful information from digital images, videos and other visual inputs

2022 - Current

1. OpenCV: Developing real-time computer vision applications.

2. Convolutional Neural Networks: Object Detection, Image Classification and Recognition in computer vision problems.

Libraries: OpenCV, Tensorflow, Keras

● Software Development

Backend and Frontend Development:

2022 - Current

1. Backend: Python, Object Oriented Programming

2. Tools: Git, Github, SQL, JIRA, Docker, Apache Cassandra, AWS