Muhammed Büyükk■nac■

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Professional Summary

Data Scientist with more than 6 years of experience in Python. Expertise in Machine Learning Engineering, Amazon Web Services, System Engineering, Back-End Development, Data Engineering, and Unit Testing. Focused on continuous improvement and delivering reliable results.

Skills

Programming Languages:
Python
Machine Learning:
LightGBM, XGBoost, Scikit Learn, PyTorch, TensorFlow
Cloud and DevOps:
AWS, Docker, Kubernetes, Airflow
Data Engineering:
Apache Spark, Hadoop
Web Development:
Django, FastAPI

Professional Experience

Data Scientist

Hepsiemlak –
Dec 2021 - Present
• Predicting sales and rental prices of real estates using Machine Learning.
• Building up a REST API that predicts prices of real estates via ML models.
• Creating several image regression, segmentation & classification projects on image data.
• Building up a Fraud Detection System for Affiliate Marketing project.
• Computing price indexes of locations using Apache Spark.

Data Scientist

Urbanstat –
Oct 2019 - Dec 2021
• Created ML-based risk scores for automobiles & houses for the use of insurance companies.
• Predicted wildfires and dangerous regions in California & West Coast of USA using ML algorithms.
• Developed an ML based churn analysis for house policies.

Fraud Systems Engineer

Turkcell –
Sep 2018 - Oct 2019

• Took part in an ML project that aimed to predict which customers were going to object to their invoices.
• Managed several Physical & Virtual Machines.
• Deployed software packages on live environment.

Junior Data Scientist

Organon Analytics –
Apr 2018 - Aug 2018
• Designed dashboards for end users via Shiny library of R.
• Dealt with Customer Segmentation Analysis through Clustering.

Projects

Django App

A Django Application deployed on a VPS of DigitalOcean.

Bitcoin Trading Series

Built up an LSTM model to predict price volatility on 4-hourly Bitcoin data.

Image De-Text Segmentation

Created a simulated dataset by overlaying text on images. Trained a UNet model to remove text from images via TensorFlow.

Education

Bachelor of Science

Bo■aziçi University
Graduation Year: 2012
Relevant Courses: Statistics, Data Mining, Time Series Forecasting

Certifications

Introduction to Amazon Web Services, Issued:
Docker A-Z™, Issued:
Kubernetes Basics, Issued:
Complete MLOPS Bootcamp, Issued:
Linux A-Z™, Issued:
Big Data A-Z™, Issued:
Introduction to Apache Airflow, Issued:

Technical Proficiencies

Programming skills: Python
Cloud services: AWS
Containerization: Docker, Kubernetes
Data processing: Apache Spark, Hadoop

References

Available upon request.