Muhammed Büyükk■nac■

Email: muhammedbuyukkinaci@gmail.com | Phone: +90 552 219 01 50 | Linkedin: MuhammedBuyukkinaci | Github: muhammedbuyukkinaci.com | Location: Istanbul-Turkey

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. Skilled in tools such as Python, Docker, and various Machine Learning libraries. Focused on bringing innovation and value through cross-functional collaboration and integrating MLOps practices into work.

Skills

Machine Learning:
Python, LightGBM, PyTorch, TensorFlow, Apache Spark
Cloud Services:
AWS, Docker, Kubernetes
Programming:
Python, SQL, Linux

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 a Fraud Detection System for Affiliate Marketing project.
• Computing price indexes of locations using Apache Spark.

Data Scientist

Urbanstat –
Oct 2019 - Dec 2021
• Created an ML based risk scores of automobiles & houses for insurance companies, lowering loss ratios up to 7%.
• Predicted wildfires and dangerous regions in California & West Coast of USA using ML algorithms.
• Developed an ML based churn analysis for house policies.
• Used SHAP library for interpretable outputs.

Fraud Systems Engineer

Turkcell –
Sep 2018 - Oct 2019

- Took part in an ML project to predict customer objections to invoices.
- Monitored Fraud & Credit Control services and 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 an LSTM model to predict price volatility on 4-hourly Bitcoin data, obtaining a fractional signal for trading.

Image DeSegmentation

Created a simulated dataset by overlaying text on images and 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

Machine learning libraries: PyTorch, XGBoost, LightGBM, Scikit-Learn, TensorFlow
Programming skills: AWS, Airflow, Kubernetes, Microsoft Office, MLOps, Git, Linux, SQL, Docker, Python

References

Available upon request.