Muhammed Büyükk■nac■

Email: muhammedbuyukkinaci@gmail.com | Phone: +90 552 219 01 50 | Linkedin: MuhammedBuyukkinaci | Github: MuhammedBuyukkinaci | 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. Focused on bringing innovation and value through cross-functional collaboration, and integrating MLOps practices into data science projects.

Skills

Machine Learning:
Python, LightGBM, PyTorch, Flask
Cloud Technologies:
AWS, Docker, Kubernetes
Data Engineering:
PostgreSQL, Apache Spark, RabbitMQ
Programming:
Python, SQL, Linux

Professional Experience

Data Scientist

Hepsiemlak – Istanbul, Turkey
Dec 2021 - Present
• Predicting sales and rental prices of real estates using Machine Learning.
• Finding low-priced real estates.
• 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 – City, Country
Oct 2019 - Dec 2021
• Created an ML based risk scores of automobiles & houses for the use of insurance companies. Lowered 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.

Fraud Systems Engineer

Turkcell – City, Country

Sep 2018 - Oct 2019
• Took part in an ML project that aimed to predict which customers were going to object to their invoices.
• Monitored Fraud & Credit Control services of Turkcell.
• Managed several Physical & Virtual Machines.
• Deployed software packages on live environment.

Junior Data Scientist

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

Projects

Django App

Personal
A Django Application deployed on a VPS of DigitalOcean.

Bitcoin Trading Series

Personal
Built an LSTM model to predict price volatility on 4-hourly Bitcoin data. Obtained a fractional signal for trading.

Image DeSegmentation

Personal
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

AWS Introduction to Amazon Web Services, Issued: Course Completion Date
Docker A-Z™, Issued: Course Completion Date
Kubernetes Basics, Issued: Course Completion Date
Complete MLOps Bootcamp, Issued: Course Completion Date

Linux A-Z™, Issued: Course Completion Date
Big Data A-Z™, Issued: Course Completion Date
Introduction to Apache Airflow, Issued: Course Completion Date

Technical Proficiencies

Ml libraries: PyTorch, XGBoost, LightGBM, Scikit Learn, TensorFlow
Programming tools: AWS, Airflow, Kubernetes, MLOps, Git, Linux, Docker, Python

References

Available upon request.