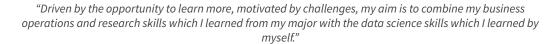
# Kubilay Yavuz

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## Summary \_\_\_\_

Data Scientist at Getir. Bachelor of Science in Industrial Engineering. Attended to lots of data-oriented hackathons. This helped me deduce fast and robust output during a project, also, enhanced my knowledge about how the businesses' data related teams operate during the daily workflow.

## Skills

Programming Python, R, SQL, C++, Linux Bash, ReactJS

Deep Learning, Machine Learning, Computer Vision, Data visualization and analysis, Big Data, Operations Research, , , , **Concepts** 

**Cloud and DB Systems** Google Cloud, Microsoft Azure, Amazon Redshift, MongoDB

> Tensorflow, PyTorch, CNTK, LightGBM, XGBoost, Catboost, Pandas, Keras, Numpy, scikit-learn, Tkinter, Seaborn, Flask, **Packages**

Matplotlib, OpenCV, pySpark

Jira, Git, Power BI, Tableau, SAP Analytics Cloud, MS Office Tools **Languages** English(Advanced), German(Beginner), Turkish(Native)

## Education

**Boğaziçi University** Istanbul, Turkey

B.Sc. in Industrial Engineering

August 2015 - June 2020

• Courses: Data Structures and Object Oriented Programming, Systems' Statistical Modeling, Statistical Time Series Forecasting, Statistical Data Mining, Enterprise Database Systems Modeling, Operation Research with Optimization Methods

## Work Experience \_\_\_\_\_

**Getir** Istanbul, Turkey

DATA SCIENTIST February '20 - Current

- Working on the generic shelf placement optimization of the warehouses
- Implemented generic heuristics and CVRP for courier routing
- Side projects such as Churn Prediction, Analysis for other departments
- · Heatmap visualization of the warehouses

**LC Waikiki** Istanbul, Turkey

COMPUTER VISION RESEARCH INTERN

June '19 - August '19

- Objective: Finding the type, color, pattern, gender, segment of the subject clothing from a picture of it, then searching through the database to find the most similar product to the subject clothing
- Used Keras, Tensorflow, matplotlib, pandas, deployed to web via Flask
- Made presentation to CDO and managers every week
- At the end of the project, deployment of the model to the mobile app was discussed

#### **Anadolu Efes Beverage Group**

**BUSINESS SOLUTIONS INTERN** 

Istanbul, Turkey

Dec '18 - Feb '19

- Worked on the Salesforce's integration to the company.
- Mostly dealt with data protocols with the vendor.
- Integration of the dashboards from Qlik Sense to Salesforce

Enqura IT Istanbul, Turkey

BUSINESS INTELLIGENCE INTERN

· Worked on a large-scale FMCG company's data.

• Conducted feature engineering, data visualization using Power BI, and SQL.

## **Projects, Publications & Courses**

#### Meta-learning for Algorithm Ranking in Forecasting Tasks

Istanbul, Turkey

June '18 - August '18

PYTHON, R. PACKAGES: KERAS, CATBOOST, MATPLOTLIB, NUMPY, PANDAS, SCIKIT-LEARN

January 2020 - Current

- Currently working on the prediction of the electric consumption of Turkey.
- Graduation project. Our project advisor is Assistant Professor Mustafa Gökçe Baydoğan Ph.D.

#### **BUYAK Data Analytics Challenge**

Istanbul, Turkey

MAINLY USED PYTHON. USED PACKAGES: KERAS, CATBOOST, MATPLOTLIB, NUMPY, PANDAS, SCIKIT-LEARN

February 2020

- Second place prize winner
- The ING Bank case was prediction of state of the withdrawal part of the ATM in the next two weeks. The case lasted 6 hours. During the case we manipulated raw data, conducted feature engineering, and deployed a classification model).
- The PepsiCo case included Time Series Forecasting, lasted one week on Kaggle.

#### Serathonin - Capital Market Hackathon

Istanbul, Turkey

PYTHON, USED PACKAGES: KERAS, CATBOOST, LIGHTGBM, MATPLOTLIB, PANDAS, SQL, REQUESTS, FLASK, TENSORTRADE

October 2019

- Created a machine learning backed personal dashboard for capital market investors.
- We used tweets and KAP news and made sentiment analysis, used RL and Decision Tree models, then created a basic dashboard with flask.
- We were provided with APIs.

#### **Teknofest Artificial Intelligence Competition 5th place**

Istanbul, Turkey

PYTHON, USED PACKAGES: KERAS, KERAS-RETINANET, TENSORFLOW, PANDAS

September 2019

• Created an ensembled customized object detection model detecting vehicles and pedestrians from drone footage of approx. 70-50 meters. (More info available on my github page.)

#### **Turkish Airlines Travel Datathon**

Istanbul, Turkey

PYTHON, USED PACKAGES: KERAS, LIGHTGBM, CATBOOST, MATPLOTLIB, SCIKIT-LEARN, PANDAS, SQL

September 2019

- · Used Catboost, Neural Networks, Linear Regression to predict the passengers' count doing the specific flight
- The other case was related with database structure and design, pulling the specified flight from the database using SQL.

#### LC Waikiki Datathon 2nd place

Istanbul, Turkey

 ${\tt PYTHON, USED\ PACKAGES:\ KERAS, LIGHTGBM, PANDAS, MATPLOTLIB}$ 

March 2019

- · Second place prize winner
- Used LightGBM, and Keras to classify whether a person will churn or not in the next period

#### **Vestel V-Intelligence Computer Vision Competition**

Istanbul, Turkey

PYTHON, USED PACKAGES: KERAS, TENSORFLOW, PANDAS, MATPLOTLIB

June 2019

• Detection of the care symbols attached to clothes

### **Sackathon SAP Analytics Cloud Finalist**

Istanbul, Turkey

 ${\sf PYTHON}, {\sf SAP\,ANALYTICS\,CLOUD\,|\,PANDAS}, {\sf SCIKIT-LEARN}$ 

March 2019

- Objective was to create a dashboard for basketball coaches, players. The competition held online.
- The final stage was held in Barcelona. The event was organized by SAP and Euroleague.
- $\bullet \ \, \text{During the final stage, we presented our projects to C-level managers of Barcelona, Sap, and Euroleague}$

## **Extracurricular Activity**

#### **Turkey Technology Team Foundation**

Istanbul, Turkey

VOLUNTEER MENTOR AND INSTRUCTOR

January 2020 - Current

Teaching middle-schoolers Robotics, and mentoring them with their project to Teknofest.