Muhammed Büyükkınacı

Data Scientist

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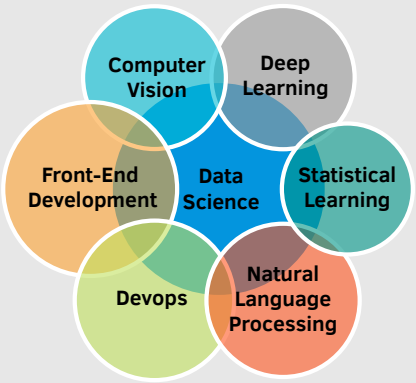
Interests



Programming Skills

- Python
- Unix • Microsoft Office • SQL
- Docker • Git

Languages

- English (C1)
- Arabic (A2)

Education

2012 Sep – 2018 Jan — **BS , Industrial Engineering**(GPA: 2.67/4.0) — Boğaziçi University

Experience

Oct 2019 – Present — **Data Scientist** — UrbanStat

- Creating ML based risk scores for insurance companies.
- Predicting wildfires and dangerous regions in California using ML.
- Carrying developed & tested ML models into production enviroment.
- Developing a churn project in P&C branch of insurance sector from scratch.

Sep 2018 – Oct 2019 — **Fraud Systems Engineer** — Turkcell

- Leading a ML project that aims to predict which customers are going to object to their invoices. Trying to lower the returns that customers get from Turkcell. Dealing with a highly unbalanced problem.
- Operating Fraud and Credit Control services of Turkcell.

Apr 2018 – Aug 2019 — **Junior Data Scientist** — Organon Analytics

- Building Machine Learning models used in production. Designing dashboards for end users. Automating workflows.

Accomplishments

Kaggle — **Kaggle Expert**

- Collecting 3 silver and 2 bronze medals in competitions. Attending more than 20 competitions.

2017 ALES — **Coming 147th in Turkey**

- Coming 147th in 2017 Spring ALES(Academic Personnel and Postgraduate Education Entrance Exam) among 300 thousand people.

Projects

Image Classification — **Multiclass Image Classification With TensorFlow**

- Training a CNN (AlexNet) on multiple classes from scratch.

Object Detection — **Fruit Detector**

- A TensorFlow object detection API implementation for fruits.

Object Localization — **Object Localization With TensorFlow**

- Building a multiple-headed CNN, one for regression and one for classification. Training the model on a dataset of vegatables, which were scraped from the web.

Sentiment Analysis — **Sentiment Analysis On Amazon Reviews Data with TensorFlow**

- Solving the binary classification problem with LSTM's and GRU's.
- Implementing Conv1D and Conv2D before LSTM and GRU layers.
- Adding Attention layer & BN layer before Dense layers.