**BURAK KETMEN**

August 1995 \* Kocaeli/Turkey \* +90(543) 248-8351 \* buraketmen@gmail.com

github.com/buraketmen \* linkedin.com/in/buraketmen

Experience

**enforma bılısım a.s.**

## *Data Scientist, August 2019 – to date*

Involved as a researcher in many of the company research and innovation projects, including:

* A Smart Predictive Maintenance Approach Based on Cyber Physical Systems *(* [*http://smart-pdm.eu*](http://smart-pdm.eu) *)*

Working closely with the solution providers (NETAS, BitNet) in order to extract and visualize information based on data from industrial pilots (Isuzu, Zorlu Enerji, Kocaer Hot Rolling).

* eHealth Use-cases Enabled by 5G *(* [*http://health5g.eu*](http://health5g.eu) *)*
* Internet of DevOps *(* [*http://iod-project.eu*](http://iod-project.eu) *)*

Working to mine data emerging from Turkcell, Ericsson-Turkey and Vestel DevOps processes.

## Churn in Telecoms Dashboard (*August 2019 – October 2019)*

Prepared a full set of technical interview questions and the solution to the technical demo which is based on churn problem considering a telecommunications operator.

Education

SAKARYA UNIVERSITY, Sakarya/Turkey

Bachelor of Information Systems Engineering, Sept 2014 – June 2019

*GPA: 3.59/4.0 (1 year English language preparatory program)*

**PROJECTS**

Face Recognition Based Employee Tracking *(Final year project)*

*Sept 2018 – May 2019* [*https://github.com/buraketmen/FaceRecognitionWithPyQt5*](https://github.com/buraketmen/FaceRecognitionWithPyQt5)

## Nesnelerin Interneti Tabanli Vagon Takip Sistemi

## *Developer, May 2019 – June 2019,* *<https://github.com/buraketmen/LicencePlateProject> (Python Part)*

In this project, reading the plates from the IP cameras with machine learning algorithm, saving the plates to the local database and transferring it to the cloud database with the API written with .NET Core when internet connection is convenient was done. Python was used as the programming language and Qt was used for the user interface. This project was published in IMISC’19. (Ketmen, B.; Lermi, V.; Çelebi, N.; Şarkışla H., “Nesnelerin Interneti Tabanli Vagon Takip Sistemi”, 6th International Management Information Systems Conference, İstanbul, 2019)

SULEYMAN DEMIREL SCIENCE HIGH SCHOOL, Cankiri/Turkey

High School Diploma, Sept 2009 – June 2013

SOFTWARE / APPLICATION

Python / Django

SQL / NoSQL *(Elasticsearch etc.)*

Pandas / Dask / Spark *(Pyspark)*

Plotly / Rapidminer / Kibana

ASP.NET MVC

HTML / CSS / Javascript

AWS *(EC2, Lambda etc.)*

Docker

LANGUAGE SKILLS

English, *intermediate level for written and spoken professional work*

SOFTWARE SKILLS

* Data Analysis / Visualization
* Machine Learning / Deep Learning
* Software Development