Furkan Burak BAĞCI

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I graduated from Electrical and Electronics Engineering department then completed my master's degree in Electrical and Computer Engineering department in the field of machine learning. I am continuing my PhD in the Computer Engineering Department. I have 4 years industrial and academic working experience in the fields of Machine Learning, Computer Vision and Image Processing. I completed my military service.

EXPERIENCE

SmartICT Inc., Ankara, TURKEY— *Computer Vision Engineer*

JULY 2019 - PRESENT (1 YEAR 8 MONTH)

Developed a data migration tool using python language with sqlalchemy orm tool in an international project (Link).

Developed Turkish License Plate Recognition System with python language and yolov3, tesseract ocr, opencv, docker algorithms/tools (Link).

Sisoft Inc., Ankara, TURKEY— *Machine Learning Engineer*

APRIL 2019 - JUNE 2019 (3 MONTH)

Worked on developing clinical decision support system for health system application using weka java api, chapman matching text, oracle db algorithms/tools.

Yonca Inc., Ankara, TURKEY— *Machine Learning Engineer*

FEBRUARY 2018 - NOVEMBER 2018 (10 MONTH)

Developed and deployed convnet based image(document) classification model to document management system of a company.

Developed multivariate time series forecasting model to electricity demand forecasting project.

Turgut Özal University, Ankara, TURKEY— Teaching/*Research Assistant*

SEPTEMBER 2015 - JULY 2016 (11 MONTH)

Researched on Computer Vision specifically Convolutional Neural Networks. TA on microprocessors, digital communications undergraduate classes.

EDUCATION

Hacettepe University, Ankara TURKEY - *Computer Engineering PhD*

FEBRUARY 2021 - FEBRUARY 2025

I am doing research on Computer Vision

Ankara Yıldırım Beyazıt University, Ankara TURKEY - *Electrical and Computer Engineering MSc GPA: 3.19/4*

SEPTEMBER 2015 - FEBRUARY 2019

Worked on topics; Support Vector Machines, Support Vector Clustering, k-means clustering, convex optimization with tools; Matlab, sedumi, stprtool. You can check details from scholar, thesis, article 1 and article 2.

Turgut Özal University, Ankara, TURKEY— *Electrical and Electronics Engineering BSc GPA: 3.38/4*

SEPTEMBER 2011 - JULY 2015

My final project is about analog communication system implementation on labview with ni-usrp

SKILLS

Python3, C++
Tensorflow/Keras, Jupyter
OpenCV
YoloV3, Tesseract OCR
Sqlalchemy ORM Tool
PostgreSQL
Docker, Git, Jira
Agile Development
Linux-Ubuntu

LANGUAGES

English-Professional
Turkish-Native

EXAM RESULTS

Metu EPE 2021 Jan-68/100

COURSES

Python for ML - cert.
TF for DL - cert.
SQL Bootcamp - cert.
Web Dev Bootcamp - cert.