

Education

Boğaziçi University

MSC IN COMPUTER ENGINEERING, GPA: 3.76/4.00

Istanbul, Turkey

Jan 2019 - Jan 2021

Istanbul Bilgi University

BSC IN COMPUTER ENGINEERING, GPA: 3.22/4.00

Istanbul, Turkey

Sep 2012 - Jun 2017

Projects

AGE PREDICTION FROM FACE IMAGES

- Aimed to observe which of the machine learning and deep learning methods would performance better when predicting age from face images.
- SVR algorithm is used in machine learning part while Resnet-50 in deep learning part. Size of the image data is increased and some data augmentation is done in deep learning phase.
- Applied hyper-parameter tuning in both methods and measured the scores with RMSE.

EXTRACTING A CONCEPTUAL MODEL FROM LARGE TEXTS

- Proposed an NLP pipeline to extract a conceptual model from large documents which contains user requirements.
- Reducing the time and improving the readability using nlp tools and methods is the main purpose in this project.
- Obtained the needed words in each sentence using nlp solutions provided by Spacy tool and regex features, then grouped those words according to their meaning using Spacy's similarity package.

Experience

Softtech

MACHINE LEARNING ENGINEER

Istanbul, Turkey

Feb 2020 - Present

- Designing an NLP pipeline for a banking chatbot with Python using machine learning and natural language processing methods.
- Developing a voice recognition and text understanding system for a programmable robot which is used in some bank branches to talk to clients and help them with their asks.
- Used technologies: Python, Docker, git, Jupyter notebook, Tensorflow, Rasa.

Boğaziçi University

STUDENT ASSISTANT

Istanbul, Turkey

May 2019 - Jan 2020

Akbank

JUNIOR SOFTWARE DEVELOPER

Kocaeli, Turkey

Aug 2017 - May 2019

- Developed a chatbot with C# technologies. It is designed for customers from both inside and outside of the company. For the inside, it works like help desk and for the other customers it provides credit applications, pay bills and simple transactions.
- Built deep learning solutions using Tensorflow library on Python for object detection, where customers can identify brand names via cell phone cameras.

Vodafone Turkey

ONLINE VAS SOLUTIONS MANAGEMENT (LONG TERM INTERN)

Istanbul, Turkey

Jan 2017 - Jul 2017

- Designed and implemented a chatbot via Facebook Messenger using NodeJS.
- Developed Java Spring projects.

Vodafone Turkey

MIDDLEWARE INFRASTRUCTURE MANAGEMENT (LONG TERM INTERN)

Istanbul, Turkey

May 2016 - Dec 2016

- Responsible for supporting and maintaining Windows infrastructure products.

Bilgi Birikim Sistemleri

SOFTWARE DEPARTMENT (SUMMER INTERN)

Istanbul, Turkey

Jun 2015 - Jul 2015

- Participated in projects for various companies by implementing C# classes on Visual Studio. ☒

Languages

ENGLISH: Fluent - IELTS Academic 6.5

Computer Skills

- Java, C#, Python, JavaScript, HTML, CSS, Bash Script, R
- MySQL, SQL Server, MS SQL

- Linux, Unix, Windows

Interests

Swimming, dancing, piano, volleyball.

Certificates

DATA CAMP

- Kaggle Python Tutorial on Machine Learning
- Supervised Learning with scikit-learn
- Intermediate Python
- Python Data Science Toolbox
- Introduction to Deep Learning in Python
- Preprocessing for Machine Learning in Python

References available upon request.