

# BURAK BERK ÖZER

## Computer Engineer & Avid Learner

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## EDUCATION

M.Sc. in Informatics  
Technical University of Munich  
October 2021 – October 2023

B.S. in Computer Engineering  
Bogazici University  
Sept 2016 – August 2021

## EXPERIENCE

Core and AI Software Designer  
IBTech  
August 2020 – July 2021 Gebze, Kocaeli

- Classifying scanned document contents into categories by utilizing optical character recognition.
- Researching image preprocessing techniques.
- Developing fraud detection methods for visual documents like ID's.
- Extracting information from images of documents using OCR and NLP techniques.

Undergraduate Researcher  
Bogazici University  
April 2019 – July 2020 Besiktas, Istanbul

- Researching cutting edge blockchain technologies, learned how to implement blockchain systems.
- Responsible for creating unit test, functionality test and integration test for guided research "Implementing a Simple Blockchain Application for Network Testbed".
- Automated parsing statistical data to excel files for above mentioned project.

Software Engineering Intern  
Finrix  
March 2019 – August 2019 Besiktas, Istanbul

Front-end/Web (Since June 2019):

- Created Javascript/Python library for data visualization, by utilizing existing libraries.
- Involved in development of company's Django project.
- In charge of documenting front-end tools created for internal use.

Machine Learning/AI (Until June-2019):

- Conducted research on state-of-the-art deep learning libraries.
- Contributed to deep learning models about stock price predictions.
- Organized company documentations relevant to deep learning.

## LIFE PHILOSOPHY

*"Nothing in the world is worth having or worth doing unless it means effort, pain, difficulty."*

## STRENGTHS

Perfectionist Patient  
Problem Solver Determined

Programming Languages: Python Java

C++ HTML CSS

Software/API:

- Pandas, Seaborn, Jupyter Notebook
- PyTorch, scikit-learn: Can develop basic machine learning / deep learning programs.
- Familiar with Git/Github, OpenCV.

## PROJECTS

- Covid-19 Search engine that indexes Covid-19 related scientific papers and returns the best matching one according to the given query.
- Locating and highlighting target sentences in scanned documents by using K-Means clustering and OCR.
- Implemented a machine learning program that performs sentiment analysis on IMDB user reviews in Python.
- A machine learning program that predicts whether a session on an e-commerce website will result in a checkoff or not.

## INTEREST & ACTIVITIES

- Participant in Google Sandbox Istanbul
- Participant in Google & Amazon Machine Learning workshops
- Participant in etathon Machine Learning Challenge February '20
- Participant in Insider Machine Learning Challenge Day February '19
- Salsa & Bachata dancing, performed in BUDANS (Bogazici University Dance Club) End of Term Show Fall '18-19

## LANGUAGES

English  
Turkish

