

EXPERIENCE

Retorio GmbH, Munich — AI Engineer – Working Student

March 2022 - PRESENT

Supported the development of new CV and NLP models and training them using the GCP platform.

Implemented a Scheduler/orchestrator to optimize and fasten up to 50% of the underlying system and/or reduce costs by 50%.

Worked with GCF & GCR deployments.

Tazi.ai, Istanbul — ML Engineer – Internship

July 2020 - September 2020

Worked on Variational Autoencoders to develop a feature selection method using Scala.

SUTAS Sut Urunleri A.Ş, Istanbul — SWE – Internship

June 2019 - August 2019

Worked on a native Android Development project comprising Design, App and backend, and database Implementation.

PROJECTS

Investigating Bias and Discrimination in Movies Using Deep Learning — Bachelor Thesis

Conducted research on movies, mostly Hollywood, using a very wide dataset called MovieNet¹ using computer vision techniques with advisors Pinar Yanardag² and Suzan Uskudarli³. Consists of implementing and re-using Deep Learning architectures, pre-trained models, and analysis tools in Python.

- <https://www.cmpe.boun.edu.tr/content/investigating-bias-and-discrimination-movies-using-deep-learning>

Platon — Design and Development for Web & Android

Developed an application for the use of academicians and researchers called Platon. 10-People started with an app idea as a project in CMPE450 – Software Engineering course and designed it after completion of the design phase, implemented backend, android, and frontend parts.

- <https://github.com/darktheorys/bounswe2020group7>

Basic Algorithms & Methods — Machine Learning

Implemented basic Machine Learning algorithms and methods. Consists of Decision Tree, Logistic Regression, SVM, PCA, and K-means implementations.

- <https://github.com/darktheorys/ML-Projects>

Ömür, Burak

An experienced student,
Statistics & AI Enthusiast

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SKILLS

Python:

Pytorch, Tensorflow, Flax, Numpy,
Jax, Scipy, Sklearn, Matplotlib,
Langchain, Pydantic, FastAPI,
Flask,

Database:

MongoDB, MySQL, MSSQL

Other:

Google Cloud Platform, Azure,
Docker, C++, Java, MatLab

EDUCATION

School Name, Munich — M.Sc.

October 2021 - Pursuing

Informatics – Current GPA: 1.7

Bogazici University, Istanbul — B.Sc.

September 2016 - June 2021

Computer Engineering – GPA:
3.75/4

LANGUAGES

- English (Fluent)
- German (A2)
- Turkish (Native)

¹ <https://movienet.site/>

² <https://pinguar.org/>

³ <https://www.cmpe.boun.edu.tr/tr/people/suzan.uskudarli>