ANIL KUL

I am a computer engineer that focus on deep learning and computer vision in my career. I have proven records of work discipline with my work experiences, researches in reputable laboratories, startup, internship and working experiences. I want to expand my domain knowledge with new deep learning projects.

CONTACT

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- 📍 Istanbul Turkey
- ⌨ @anilkul98
- in Anıl Kul

SKILLS

Software Engineering
Full Stack Development ●●●●○○
MERN Stack ●●●●○○
Java ●●●●●○
Javascript ●●●●●○
Scrum ●●●●●○

Machine Learning
Python ●●●●●●
Pytorch ●●●●●●
Tensorflow/Keras ●●●●●○
Scikit-learn ●●●●●○
Data Preprocessing/analysis
(numpy, scipy, pandas) ●●●●●○
Visualisation ●●●●○○

Computer Vision Domain Knowledge
Medical Applications ●●●●●○
Semantic Segmentation ●●●●○○
Image Classification ●●●●●●
Object Detection ●●●●○○
Satellite Image Segmentation ●●●●●○
Offline Handwriting Recognition ●●●○○○
Online Handwriting Recognition ●●●●○○

Soft Skills
I have presentation, team management, strategic planning and business development experiences due to my startup and university club membership.

Languages
English ●●●●●
German ●●●○○

ACHIEVEMENTS AND AWARDS

- 🏆 Vehbi Koç Scholar (Given for 3.5+ SPA)
- 🏆 Dean's High Honor Roll (Given for 3.0+ SPA)
- 🏆 Merit-based full scholarship
- 🏆 Vice President of IEEE student branch
- 🏆 Duke of Edinburgh's Award

🎓 EDUCATION

📅 10/2021 - 08/2023
📍 **Technical University of Munich**, Munich
Master of Computer Science

📅 09/2016 - 06/2021
📍 **Koc University**, Istanbul
GPA: 3.31 / 4.0
Bachelor of Computer Engineering

📅 09/2017 - 06/2021
📍 **Koc University**, Istanbul
GPA: 3.31 / 4.0
Bachelor of Business Administration

⚙ WORK EXPERIENCE

📅 03/2022 - Present
📍 **SAP**, Munich
Working Student
Job Description:
I am working in a smart SAP service project as a data scientist. I am working with next action prediction, NLP techniques and image vectorization.

📅 11/2021 - 03/2022
📍 **Avantgarde**, Munich
Machine Learning Engineer
Job Definition:
Worked on facial expression, age, gender and attention extraction from videos.

📅 03/2021 - 11/2021
📍 **Dcipher Analytics**, İstanbul
Machine Learning Engineer
Projects:
- **Biodiversity Detection From Satellite Images:** The aim of the project is detecting the areas with high biodiversity from satellite images that are taken from Sentinel2 API
- **Acute Otitis Media Diagnose:** The otoscope videos are used for training and product level. Worked with Autoencoders and clustering for frame selection from videos.
- **Tooth Decay Diagnose:** The bitewing Xrays has used for training and product level. Decayed tooth and the the areas are determined with the help of DL classifiers and class activation maps.

📅 06/2020 - 03/2021
📍 **Koc University IUI Lab**
Undergraduate Research Assistant
Project:
The aim of the project is extraction of Stylized Powerpoint slides from offline and online handwritten documents. or this project, I am working with tensorflow and OpenCv . We are using the YOLO, CNN and EAST models in our pipeline.

📅 04/2019 - 06/2020
📍 **Triprouter**
Co-Founder
Description:
TripRouter is a mobile platform that make best trip plan according to users' personal preferences by an artificial intelligence algorithm.

PROJECTS

📅 09/2020 - 01/2021
📍 **Senior Design Project**
Smart Cook Assistant
Project Description:
A mobile application that can identify food type from Image, give nutrition and recipe information. Also it is integrated with virtual market applications for easier grocery ordering. We create a Turkish Food dataset. We use Inception-v3 model for food classification

📅 09/2020 - 01/2021
📍 **Intro. to Deep Learning Project**
Food Detection for Pos Machines
Project Description:
We are designing an android application that can detect all foods in a tray and automatically gives the total check to the cashier. We use YOLO-v4.x