Gokberk Yar

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EDUCATION

Northeastern University   Boston, USA
Ph.D. Student in Computer Science and Engineering   August 2021 - 2026 (Expected)
- Area: Machine Learning, Distributed Systems, GPA: 4.00/4.00

Sabancı University   İstanbul, Turkey
B.S. in Computer Science and Engineering, GPA: 3.97/4.00, Ranking: 1st/133   2017 – June 2021

EXPERIENCE

Allianz Turkey   İstanbul, Turkey
Data Scientist, Long Term Online Intern (part time)   06/07/2020 – 06/01/2021
- Generated models on Turkish semantic analysis & Collected data collection through web scraping
- Used Python, Keras and BERT for model creation

Finnish Environment Institute (SYKE)   Helsinki, Finland
Computer Vision Engineer, Contractor company   01/07/2020 – 01/01/2021
- Established a company that does joint research with Finish Environment Institution on environmental sustainability
- Created and evaluated image segmentation models on drone images collected by SYKE
- Constructed a pipeline through AWS Sagemaker for labeling, training and evaluation
- Prepared a github repo, docker images and scientific report

PROJECTS

Productivity tool for online meetings   İstanbul, Turkey
Full stack Developer & Data-scientist (2 People Team)   15/11/2020 – 15/07/2021
- Used Tech. Stack: React, Material UI, Django, Django Channels, PostgreSQL, Redis, Docker, Tensorflow
- Trello like board with machine learning (clustering)

Chatbot for meeting scheduling
Full stack Developer & Data-scientist (3 People Team)
- Used Tech. Stack: React, Material UI, Redux, Node.js, Docker, Rasa
- Slack/Google Chat Chatbot with web dashboard

Social Media Clone
Cross Platform App Developer (5 People Team)
- Used Tech. Stack: Flutter, Dart, GetX, Firebase
- Instagram like social media app

NFT MarketPlace for Ethereum Blockchain
Frontend & Smart Contract Developer (4 People Team)
- Used Tech. Stack: React, Material UI, Recoil, Truffle, Ganache, Docker, Solidity, Mocha
- Game like marketplace for NFTs

Sparse Matrix Cycle Count
Cuda & C++ Developer (5 People Team)
- Used Tech. Stack: C++, CUDA, OPENMP
- Multi-GPU and Multi-CPU Implementations for Sparse Matrix Cycle Count