

## EDUCATION

### Northeastern University

Ph.D. Student in Computer Science and Engineering

– Area: Machine Learning, Distributed Systems, GPA: 4.00/4.00

Boston, USA

August 2021 - 2026 (Expected)

### Sabanci University

B.S. in Computer Science and Engineering, GPA: 3.97/4.00, Ranking: 2nd/237

Istanbul, Turkey

2017 – June 2021

## EXPERIENCE

### Allianz Turkey

Data Scientist, Long Term Online Intern (part time)

- Generated models on Turkish semantic analysis & Collected data collection through web scraping
- Used Python, Keras and BERT for model creation

Istanbul, Turkey

06/07/2020 – 06/01/2021

### Finnish Environment Institute (SYKE)

Computer Vision Engineer, Contractor company

- 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

Helsinki, Finland

01/07/2020 – 01/01/2021

## PROJECTS

### Productivity tool for online meetings

Full stack Developer & Data-scientist (2 People Team)

- Used Tech. Stack: React, Material UI, Django, Django Channels, PostgreSQL, Redis, Docker, Tensorflow
- Trello like board with machine learning (clustering)

Istanbul, Turkey

15/11/2020 – 15/07/2021

### 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

