



Ahmet Uysal

Co-FOUNDER · UNICOURSE

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Education

Koç University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

- 4.03/4.00 GPA. Ranked in first 100 in National University Entrance Exam and received full scholarship.

Istanbul, Turkey

Sep. 2016 - Dec. 2020

Experience

Unicourse

Co-FOUNDER

- Unicourse is an online learning platform providing on-demand study resources for university midterm and final exams.

Istanbul, Turkey

Aug. 2020 - PRESENT

Trendyol

SOFTWARE ENGINEERING INTERN

- Built a Git-based dynamic configuration management system with validation capability using Spring, Angular, RabbitMQ and Bitbucket APIs.

Istanbul, Turkey

Jun. 2019 - Aug. 2019

Publications

- Caner Korkmaz, Halil Eralp Koças, Ahmet Uysal, Ahmed Masry, Öznur Özkasap and Barış Akgün, Chain FL: Decentralized Federated Machine Learning via Blockchain. *Second International Conference on Blockchain Computing and Applications (BCCA)*, Nov. 2020, DOI: 10.1109/BCCA50787.2020.9274451
- Basheer Al-Duwairi, Öznur Özkasap, Ahmet Uysal, Ceren Kocaoğullar and Kaan Yıldırım, LogDoS: A Novel logging-based DDoS prevention mechanism in path identifier-Based information centric networks. *Computers & Security*, Dec. 2020, DOI: 10.1016/j.cose.2020.102071

Projects

Proland

- Proland is a machine learning solution to help farmers choose the best product for them using only a mobile application. It uses last years' crop specific harvest data and monthly weather conditions such as temperature, wind and precipitation to give yield estimates for crops.
- Competed in Imagine Cup, one of the biggest student technology competitions, and qualified for the World Finals as one of the top 50 teams.
- Used Python to extract weather data, created a cross platform application using Xamarin.Forms, implemented our backend using Firebase.

Mar. 2018 - Aug. 2018

Extracurricular Activity

CS 101: Merhaba, Dünya! (Hello, world!)

INSTRUCTOR

- Volunteer at 8-week online program aiming to provide Turkish high school students with fundamental programming skills.

Istanbul, Turkey

Aug. 2020 - PRESENT

KOLT Python Certificate Program

FOUNDER & INSTRUCTOR

- Created a certificate program that aims to teach basics of computer science to students from nontechnical majors using Python.
- Prepared lecture slides, examples, assignments, and created the course website. Managed a team of 8 volunteers.

Koç University, Istanbul, Turkey

Feb. 2019 - Jun. 2020

CSBridge (Stanford University - Koç University)

SECTION LEADER

- CSBridge aims to give rising high school juniors, especially girls, their first experiences in coding using the curriculum of Stanford's CS106A class.
- Conducted problem sessions, helped students during lab hours and gave feedback to their daily programming assignments on Java.

Koç University, Istanbul, Turkey

Summer 2018, 2019 & 2020

COMP 130/131, Introduction to Programming

SECTION LEADER

- Prepared homework assignments and conducted programming sections for the introductory programming course (Java).

Koç University, Istanbul, Turkey

Sep. 2017 - Dec. 2018

Honors & Awards

- 2020 **1st Place**, Gamification Hackathon
- 2019 **1st Place**, Pixery Hackathon
- 2019 **1st Place**, ÇiçekSepeti Hackathon
- 2018 **Finalist**, Imagine Cup World Finals
- 2018 **3rd Place**, Turkish Airlines Travel Hackathon

Istanbul, Turkey

Istanbul, Turkey

Istanbul, Turkey

Seattle, U.S.A

Istanbul, Turkey