



# Ahmet Uysal

Co-FOUNDER · UNICOURSE

☎ (+90) 5322376091 | ✉ auysal16@ku.edu.tr | 🌐 ahmetuysal | 📄 ahmet-uysal

## Education

### Koç University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

*Istanbul, Turkey*

*Sep. 2016 - Dec. 2020*

- Ranked 2<sup>nd</sup> in Computer Engineering Department and 3<sup>rd</sup> in university with 4.04/4.00 GPA.
- Ranked in the first 100 in National University Entrance Exam and received full scholarship from Koç University.

## Experience

### Unicourse (unicourse.co)

Co-FOUNDER

*Istanbul, Turkey*

*Aug. 2020 - PRESENT*

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

### Trendyol

SOFTWARE ENGINEERING INTERN

*Istanbul, Turkey*

*Jun. 2019 - Aug. 2019*

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

## Publications

- Caner Korkmaz, Halil Erallı Koçaş, 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

### Mahlas (mahlas.co)

*Apr. 2021 - PRESENT*

- Mahlas, Turkish for "Pen name", is an invite-only space for your university. You can post anonymously, pseudonymously, or with your name.
- Used React Native, Relay, and TypeScript to build the mobile app; implemented backend using NestJS, GraphQL, PostgreSQL, Prisma, and AWS.

### Proland

*Mar. 2018 - Aug. 2018*

- 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.

## Extracurricular Activity

### CSBridge (Stanford University - Koç University)

*Koç University, Istanbul, Turkey*

SECTION LEADER

*Summer 2018, 2019, 2020 & 2021*

- Took part in creating CS Bridge program in İzmir as an Head Section Leader. Conducted interviews to recruit the İzmir SL team, monitored sections and office hours to provide feedback, mentored SL team before and during the program.
- Led problem sessions, helped students during lab hours and gave feedback to their daily programming assignments on Java and Python.

### KOLT Python Certificate Program

*Koç University, Istanbul, Turkey*

FOUNDER & INSTRUCTOR

*Feb. 2019 - Jun. 2020*

- 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.

### COMP 130/131, Introduction to Programming

*Koç University, Istanbul, Turkey*

SECTION LEADER

*Sep. 2017 - Dec. 2018*

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

## Honors & Awards

- 2020 **1<sup>st</sup> Place**, Gamification Hackathon
- 2019 **1<sup>st</sup> Place**, Pixery Hackathon
- 2019 **1<sup>st</sup> Place**, ÇiçekSepeti Hackathon
- 2018 **Finalist**, Imagine Cup World Finals

*Istanbul, Turkey*

*Istanbul, Turkey*

*Istanbul, Turkey*

*Seattle, U.S.A*