



Ahmet Uysal

JUNIOR CS STUDENT · KOÇ UNIVERSITY

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Education

Koç University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Istanbul, Turkey

Sep. 2016 - December 2020 (Expected)

- 4.06/4.00 GPA. Ranked in first 100 in National University Entrance Exam and received full scholarship.

Experience

COMP 130/131, Introduction to Programming

Koç University, İstanbul, Turkey

SECTION LEADER

Sep. 2017 - Dec. 2018

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

Undergraduate Research, Optical Microsystems Laboratory(Prof. Hakan Ürey)

Koç University, İstanbul, Turkey

RESEARCHER FOR <HEAD MOUNTED AR DEVICES & USAGE OF AR IN ARCHAEOLOGICAL SITES AND MUSEUMS >

Sep. 2017 - Jun. 2018

- Worked with pupil labs gaze tracking device and developed an HoloLens application named HoloGallery that can show historical images.

Augmented Summer Program, Optical Microsystems Laboratory(Prof. Hakan Ürey)

Koç University, İstanbul, Turkey

INTERN

July 2017 - Aug. 2017

- Using Unity and Vuforia, developed marker based AR application that recognizes a stela and illustrates possible original colors in real time.

Projects

Proland

Istanbul, Turkey

CO-FOUNDER & SOFTWARE ENGINEER

Mar. 2018 - PRESENT

- 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 Microsoft Imagine Cup, one of the biggest student technology competitions. With this project we won Turkey National Finals, Middle East Africa Regional Finals and qualified for the Imagine Cup World Finals which only 50 best projects around the world are selected.
- Used Python to extract data from statistical agencies and weather institutions to form our data set that is used to train our ML model.
- Created a cross platform application using Xamarin.Forms, implemented our authentication system and application data storage with Firebase.
- Currently working on migrating our mobile app to Native Android and implementing NDVI algorithm with computer vision to use in ML model.

Extracurricular Activity

inzva Algorithm Competition Programme 2018-2019

Istanbul, Turkey

PARTICIPANT

Sep. 2018 - PRESENT

- Includes lectures, contests, problem-solving sessions focused on algorithms and competitive programming.

CSBridge (Stanford University - Koç University)

Koç University, İstanbul, Turkey

SECTION LEADER

Jun. 2018 - Jul. 2018

- 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.

IEEE Koç University Student Branch

Istanbul, Turkey

MEMBER & COMPUTER SOCIETY PROJECT LEADER AT 2017 & IEEEEXTREME 11.0 STUDENT AMBASSADOR

Sep. 2016 - May 2018

- Worked in the organization of entrepreneurship and career events, prepared programming questions for weekly Python meetings.
- Promoted IEEEExtreme on our campus as student ambassador.

Honors & Awards

INTERNATIONAL

2018 **Finalist**, Imagine Cup World Finals

Seattle, U.S.A

2018 **2nd Place**, Imagine Cup MEA Regional Finals

Online

DOMESTIC

2018 **3rd Place**, Turkish Airlines Travel Hackathon

Istanbul, Turkey

2018 **1st Place**, Imagine Cup Turkey Finals

Istanbul, Turkey

2018 **Vehbi Koç Scholar Award**, Koç University

Istanbul, Turkey