

Tunaberk Almaci

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Languages: Javascript - SQL - Python - Java - C

EDUCATION

Koç University

Istanbul, TR

Computer Science, DM in Mathematics

Expected Graduation: January 2023

- GPA: 3.99/4.00
- 100% Educational Scholarship for having outstanding academic performance
- Accepted to Double Major in Mathematics

University of Toronto

Toronto, CA

Computer Science

Duration: January 2022 - April 2022

- International Exchange Student for the Winter 2022 Term
- Courses: Neural Networks and Deep Learning, Introduction to AI, The Business of Software, Mathematical Modelling

EXPERIENCE

Fullstack Developer

June 2021 – August 2021

Digimetri

Istanbul, TR

- Developed visualization tools for **Google Ad campaigns** measured by nearly 5% increase in customer-app interaction
- Developed new reports using **Google Ads API and Kotlin** in the backend with **Spring Boot framework** with **hexagonal micro-service architecture**
- Implemented the frontend page designs using **React, JS, HTML and CSS**

Android Developer

October 2020 – June 2021

Commencis

Istanbul, TR

- Increased the **accessibility** of İşCep application for **blind users** by utilizing built-in Android features like screen-reader as measured by the decrease in the blind visitors of physical bank stores by using **Kotlin and Java**
- Increased the **responsiveness** of the İşCep application for uploading photos as measured by nearly **30% decrease** in upload time by converting images into bitmaps using **Kotlin and Java**
- Fixed bugs existed in İşCep in each sprint using **Kotlin and Java**

Personal Projects

MERN, MySQL, Python

- Developed the clone of existing website like Facebook, Amazon, Spotify, WhatsApp, a social media website called "DevConnector", and an e-commerce website called "ProShop" using MERN: **MongoDB, ExpressJS, ReactJS, NodeJS**.
- Developed a website called RateMyProf for the students at Koç University to rate the courses and professors at Koç University using **ReactJS, MySQL, ExpressJS and NodeJS**
- Implemented the following machine learning algorithms using only **vanilla Python**: parametric methods, multivariate methods, linear discriminators, multilayer perceptrons and many others. These are applied to problems like letter recognition, image classification etc.

iOS Developer

June 2020 - September 2020

AI Research Lab at Koç University

Istanbul, TR

- Developed an iPad application using **Swift and Objective-C** to control and monitor an autonomous quadrotor developed by the AI Research Lab of Koç University
- Wrote scripts for the bases of the autonomous behavior of the quadrotor using **Python** and **C++** together with **ROS framework**

LEADERSHIP AND AWARDS

- Chosen among more than 10.000 participants for the Undergraduate Scholarship Program of Scientific and Technological Research Council of Turkey based on outstanding academic performance
- Selected as one of 150 Scholarship receivers of the Turkish Educational Foundation based on leadership potential and academic success
- Ranked 159th among more than 1.5 million participants in the highly competitive university entrance examination of Turkey
- High School Valedictorian