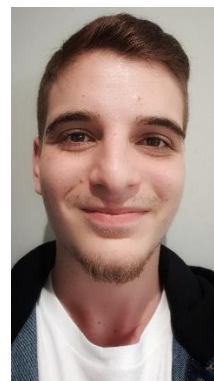


Batuhan ERALP

Senior BSc. Student at Acibadem University



CONTACT

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EDUCATION

Undergraduate

2016 — Expected 2020

Acibadem Mehmet Ali Aydinlar University
Engineering Faculty, Medical Engineering Program

Highschool

2011 — 2016

Galatasaray Highschool

WORK EXPERIENCE

Acibadem Mehmet Ali Aydinlar University Biodesign Center Artificial Intelligence Initiative **September 2018 — Present**

Founder

I gathered a team of Medical Engineering and Medicine students to work on various artificial intelligence applications in healthcare.

Two of the areas that we currently work on:

- Detection of Malignant Skin Cancer using Computer Vision
- Detection of various chest diseases using Computer Vision

Acibadem Mehmet Ali Aydinlar University

September 2019 — Present

Teaching Assistant

I helped our IT department to automatize syllabi preparation and tracking using SQL and C#. Also, I was tasked to learn both front-end and back-end web development throughout this job therefore got a micro degree on C# development and completed various tutorials given by my superiors on JavaScript, HTML, CSS and MVC.

Softtech

August 2019 — September 2019

Software Development Intern

I worked as a software development intern here. I constructed a model to detect various respiratory system diseases from chest x-rays using CNN.

Siemens Healthineers Columbia, South Carolina

June 2019 — August 2019

Software Development Intern

I worked at various IoT and NLP projects with products such as FitBit and Amazon. Also gained knowledge on APIs, Serverless Programming, Amazon Web Services, Node, FHIR and basic Dashboard Development.

Acibadem Mehmet Ali Aydinlar University

August 2018 — December 2018

Information Technology Specialist

I helped our IT department to automatize syllabi preparation and tracking using SQL and C#. Also, I was tasked to learn both front-end and back-end web development throughout this job therefore got a micro degree on C# development and completed various tutorials given by my superiors on JavaScript, HTML, CSS and MVC.

Hemosoft IT & Training Services Inc.

July 2018 — August 2018

Software Development Intern

I worked in ARGES Pro's software development. ARGES Pro is a web-based fNIRS (Functional Near-Infrared Spectroscopy) system that tracks oxygenation of the brain under controlled influences and/or tasks. I created an animated welcome screen and help documentations. I used mainly Java (more specifically JavaFX library) and HTML.

VOLUNTEERING EXPERIENCE

Haydarpaşa Highschool Python Bootcamp

November 2018

I organized a two-day bootcamp spanned into two weeks consists lectures designed to head-start high school students willing to get in programming. The syllabus consisted basic functions of Python, common external libraries and object-oriented programming. At the end of the bootcamp I tasked them to do a group project.

GalataSanat Erzincan

May 2015

At 3rd grade in my high school I joined a non-profit program as co-president of the Music Club. Our aim was to teach kids in need different kinds of art forms such as music, cinema, painting, theatre etc. My part was to teach kids guitars and drumming. The program was for a week and at the end of it, they put on a performance which they played the songs that we taught.

QUALIFICATIONS

Languages: English (Full Work Proficiency), French (Full Work Proficiency), Latin (Intermediate Efficiency), Turkish (Native Language)

Programming Languages: Python, C#, Java, HTML, CSS, JavaScript, Processing

INTERESTS

Former Member of Acibadem Mehmet Ali Aydinlar University Debate Club, Former Vice President and Founder of Acibadem Mehmet Ali Aydinlar University School Radio, Former President of Galatasaray Highschool Music Club, Former Lead Guitarist and Co-Founder of Galatasaray Highschool Band Euphony, Hobby grade speedcubing and coffee cupping

REFERENCES

References available upon request.