

MELIH ÖZCAN

Etiler, İstanbul · melihozcnn@gmail.com · +90 553 360 4034 · linkedin.com/in/melihozccan/

EDUCATION

Bogazici University

BS Computer Science *GPA: 3,26*

Bebek, İstanbul
Sep 2017 - June 2022

İstanbul High School

German Abitur / High School *GPA: 2,0 / 4,0*

Sirkeci, İstanbul
Sep 2012 - June 2017

WORK EXPERIENCE

Techsign

Intern

Kurtköy, İstanbul
Jan 2020 - Feb 2020

- A company providing different solutions, including biometric signature and KYC solutions. Helped with the development of the company's Android demo applications.

Techsign

Junior Software Specialist

Kurtköy, İstanbul
Feb 2020 - Aug 2021

- Started as a part-time employee at the company as an Android Software developer, tending to customer needs, also exercised coding in Scala for Backend development and other needs.

IOTIQ GmbH

Intern

Leipzig, Germany
Aug 2021 - Oct 2021

- Laid the foundation for the company's access control project's Android app. Did research on NFC communication protocols.
- Established a secure OAuth2 implementation for the company's app.

Techsign

Backend Developer

Kurtköy, İstanbul
Oct 2021 - Present

- Wrote various scheduled Spark jobs to manipulate data using Scala.
- Wrote many web services and APIs, both as extensions to the existing monolithic server structure and as microservices in Scala

PROJECTS

Postory Java, Python, JavaScript

<https://github.com/bounswe/2021SpringGroup9>

Took part in the development of a school project, enabling people to share bits from their lives with others. The project consisted of a frontend and mobile application. Led the Android App development team.

PdfViewer Java

<https://github.com/melihozcan1/PdfViewer>

Tired of Pdf viewers not working properly and showing too many ads on my mobile device, I decided to write a lightweight PDF Viewer in Android

Generating Art using ARTemis

For our final project, using the ARTemis dataset, CLIP model and GANs (Generative Adversarial Networks), we were able to enhance models that generated artwork from unseen

SKILLS

Java:	Started programming with Java, worked with DSAs.
Python:	Worked on various projects in Python related to Computer Vision, NLP and Bioinformatics.
SQL:	Experience with various SQLs incsuch as MSSQL, MySQL, Cassandra and RDMS frameworks
Scala:	Wrote many APIs and the corresponding tests, worked with Apache Spark.
Android Development:	Worked with various libraries and frameworks, created functioning apps from scratch.
IOS Development:	Designed and coded base applications, maintained the code and fixed bugs in the process.
Machine Learning:	Learned the basics of ML both theoretically and practically.
Information Retrieval:	Search Engines' inner workings and various algorithms used in IR.
C++:	Wrote C++ code on a microcontroller to enable NFC communication on it.
Embedded Systems:	Learned the basics of embedded systems design.
English:	C1
German:	C1
French:	A1

AWARDS

99th Place In The Undergraduate Placement Exam (YGS/LYS)

ÖSYM

Ranked 99th in the first round of qualifications in the Turkish National Placement Exam (YGS) out of 2 million students. Ranked 5th in the German category out of all the students.

June 2017

Altın Gençler Award

Turkish Bank (Türkiye İş Bankası)

Was awarded with a one month long interrail ticket valid across Europe by the first bank in Turkey, due to my success in the placement exam.

Oct 2017

Bronze Medal, National Antalya Math Olympiad

Akdeniz University

Among many competitive mathematicians around the country, I was awarded with a bronze medal.

May 2014

7th Place in Cahit Arf Math Olympiad

Bilgi University

In my prep year at the high school, besides learning German, I also studied intensive Math. Became 7th in the Cahit Arf (named after a famous Turkish Mathematician) Mathematic Olympiads and earned an all-inclusive scholarship at the Bilgi University, the organizer of the event.

Mar 2013