

EDUCATION

Northeastern University	September 2023 – Present
Khoury College of Computer Sciences and D'Amore-McKim School of Business	Boston, Massachusetts
Bachelor's in Computer Science with a Minor in Business Administration	
The Koç School, High School Class of 2024	September 2022 - June 2024
International Baccalaureate Diploma Program (IBDP) & Turkish National Curriculum	Istanbul, Türkiye
<ul style="list-style-type: none"> ▪ Took the Higher Level IBDP courses: Computer Science, Digital Society, Turkish A: Literature ▪ Took the Standard Level IBDP courses: Economics, Mathematics Analysis & Approaches, English A: Language and Literature ▪ Wrote an IBDP Extended Essay titled <i>Identifying Spam Text Messages Using Machine Learning: A Comparative Analysis of K-Nearest Neighbors, Support Vector Machine, and Multinomial Naive Bayes Classifier Algorithms in Binary Classification Tasks</i> ▪ Recipient of the <i>Computer Education Department Award</i> (2018, 2019, 2020, 2021, 2023), an annual honor recognizing one student per grade for academic excellence and outstanding extracurricular activities in Computer Science. 	
Harvard University	June 2023 - August 2023
Secondary School Program	Cambridge, Massachusetts
<ul style="list-style-type: none"> ▪ 4-credit course CSCI S-7: "Introduction to Computer Science with Python" (Achieved the highest possible grade of <i>A</i>) ▪ 4-credit course DRAM S-145: "Voice and Speech: Breath, Presence, and Connection" (Achieved the grade of <i>A-</i>) 	

EXTERNAL COURSEWORK

Harvard Online: CS50's Introduction to Programming with Python	October 2022 – May 2023
Completed nine problem sets and one final project.	
London College of Music (LCME) Grade 3 in Piano	2019
Received seven years of comprehensive piano education. Awarded <i>Merit</i> distinction in the LCM Grade 3 piano exam.	

SERVICE

Massachusetts Institute of Technology	October 2021 – August 2022
Turkish Translation of MIT AppInventor	Cambridge, Massachusetts & Istanbul, Türkiye
Volunteered to translate MIT AppInventor, an educational tool for teaching programming, into Turkish, thereby making the platform accessible to Turkish students. Led a team of 5 Turkish translator volunteers. Facilitated regular communication through weekly online meetings with MIT AppInventor leaders.	
Fundraising for State School	November 2022
Independent Community Service	Ankara, Türkiye & Istanbul, Türkiye
Led successful community mobilization efforts to furnish a new state school in Ankara Province that lacked government-provided resources. Coordinated funding initiatives and streamlined transportation logistics. Enhanced learning environments.	

EMPLOYMENT

The Istanbul Chronicle	October 2021 – May 2022 • 28 hours per week
Lead Software Developer	Istanbul, Türkiye
Founding member of Türkiye's largest independent student-led newspaper. Oversaw the software development department of four developers. Designed, programmed, and maintained the newspaper's website.	
Wingie Enuygun Group	July 2021 – September 2021 • 45 hours per week
Full-Time Web Development Intern	Istanbul, Türkiye
Interned at a leading global multimillion-dollar travel internet company. Observed and attended the meetings of a back-end developer team. Presented solution proposals to company executives. Worked with experienced programmers on the development of an internal tool. Programmed and documented a microservice.	

SKILLS

- Native **Turkish**, full professional **English**, and elementary **German**
- Proficient in Python, Go, TypeScript, Java, Kotlin, and Rust programming languages.
- Proficient in web development languages HTML/CSS/JavaScript and TypeScript, and web frameworks such as Next.js, Svelte and React.js
- Blockchain development using the Solidity programming language. Development of cryptocurrencies and NFTs.
- Artificial intelligence programming with TensorFlow and Keras.
- UI/UX design and prototyping using Figma.
- Proficient in the design and usage of document-based and SQL relational databases.

EXTRACURRICULARS & HONORS

The IBPS Programming Language

November 2022 – June 2024

Created the IBPS programming language tailored for International Baccalaureate Computer Science students. Created an online educational platform where students can write, share, run, and test their code. The Koç School's Department of Computer Science has adopted the platform for its Computer Science curriculum starting Fall 2023.

Skinscan

June 2022 – September 2022

Finalist for the Uber Global Hackathon

- **Honor:** Competed in Uber's computer science hackathon. Placed top 5 in the region that consists of the Middle East, Russia, Central Asia, Central America, and South America.
- Programmed an artificial intelligence-powered mobile app that can diagnoses skin conditions through a photo of the affected area. Created a demonstration video and presented the project in front of a live panel of judges consisting of members from Uber.

Koç NASA Club

Club Member • September 2021 – June 2022

Third Place Globally in the

President and Mentor • September 2022 – June 2024

NSS Gerard K. O'Neill Space Settlement Contest

- Orchestrated the club admissions process, including the design and evaluation of a written exam and interview.
- Mentored, tutored, and supervised a team of grade 10 students that got awarded third place globally in the grade 10 large group category. Coached future leaders of the club to ensure its sustainability.
- **Honor:** Authored a 50-page paper in a team of 7 over the course of 2 years. Wrote about a theoretical space mission that aims to move humanity to a permanent free-floating space settlement. Awarded third place globally in the grade 11 large group category, standing out among 26,000+ contestants and 4,000+ entries representing 19 countries.

ThreAIT

Researcher • November 2022 – December 2023

Research Project

Paris, France & Istanbul, Türkiye

Developed ThreAIT: an artificial intelligence system for automatically detecting prohibited items in X-ray security screening. Supervised by Mehmet Ozgur Sahin, senior scientist at CEA Saclay Irfu, Paris-Saclay University.

FIRST Robotics Competition (FRC)

Club Member • September 2022 – June 2023

Team RAMS#7729

Honorary President • September 2023 – June 2024

Took part in the school robotics team. Built an approximately 1 cubic meter 120-pound robot. Specialized in the software department. Competed in the FIRST Robotics Competition Istanbul Regional round.

The Koç School Department of Fine Arts

February 2023 – June 2023

Master of Ceremonies at the Koç School's Annual Talent Show

Revived a 3-year dormant school tradition post-pandemic. Planned, structured, and organized the school talent show. Hosted the show. Showcased versatile talents by personally performing skits. Rekindled school spirit.

The Computer Science and Programming Club (CSPC)

September 2022 – June 2023

Co-Founder and President. Designed an intensive introductory computer science curriculum. Taught a class of 20 students. Held weekly lectures.

Junior Model United Nations Development Program (JMUNDP)

2022

Head of IT. Took part as Head of IT in the executive committee of the Koç School's Junior Model United Nations Development Program event, an MUN event entirely organized by the Koç School's high school students. Maintained and managed all IT systems used in the event.

Koç Aviation Club

September 2021 – June 2022

Collaborated with a team of 5 to build a fully functional 3D-printed model plane, demonstrating strong teamwork and hands-on skills. Programmed an internally used web service that monitors the 3D printing process for each component of the plane.