

Baris Inandioğlu

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EDUCATION

Northeastern University August 2024 – 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

- Graduated from the IBDP with courses: Computer Science, Digital Society, Turkish Literature, Economics, Mathematics Analysis & Approaches, English Language and Literature
- Wrote IBDP Extended Essay titled *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*
- Recipient of the *Computer Education Department Award* (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

- 4-credit CSCI S-7: "Introduction to Computer Science with Python" (Achieved the highest possible grade of A)
- 4-credit DRAM S-145: "Voice and Speech: Breath, Presence, and Connection" (Achieved the grade of A-)

EXTERNAL COURSEWORK

Harvard Online: CS50's Introduction to Programming with Python (CS50P)

October 2022 – May 2023

Completed nine problem sets and one final project.

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, making the platform accessible to Turkish students. Managed a team of 5 to. 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

Monk Group AI monkgroup.ai

December 2024 – Present

Senior Software Developer

Boston, Massachusetts & London, UK

Led the development of AI-driven customer experience solutions. Delivered 20+ agentic and generative AI products, achieving an average 45% reduction in operational costs for clients while maintaining a 100% customer satisfaction rate.

The Istanbul Chronicle theistanbulchronicle.com

October 2021 – May 2022

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 wingie.com

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 the 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 intermediate **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 and libraries such as Next.js, React.js, Svelte, Tailwind CSS, and Framer Motion.
- Git and GitHub
- 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 ibps.itsbaris.com  **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

Global 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 diagnose 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

President and Mentor • Sep 2022 – June 2024

Third Place Globally in the NSS Space Settlement Contest

Club Member • Sep 2021 – June 2022

- **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.
- 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.

Google Developer Group at Northeastern University

August 2024 – January 2025

Technical Lead

Oakland, CA

Led the technical team. Organized and conducted a hands-on developer event about using Google's Gemma LLM model in AI-powered applications.

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.

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.