

# Baris Inandioglu

Full-Stack Software Engineer

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## EDUCATION

<b>Northeastern University</b> <b>BS in Computer Science with a Minor in Business Administration</b>	<b>August 2024 – Boston, Massachusetts</b>
▪ Historian at Delta Kappa Epsilon: Maintained historical records and archives within the Fraternity. Advised executive board based on historic documentation to support informed decision-making.	
▪ Vice Chair of the AI Advisory Board at Student Government Association: Advised University administration on strategies to expand AI literacy and support integration of AI into the classroom.	
▪ Technical Lead at Google Development Group: Organized and conducted a hands-on developer event about using Google's Gemma & Gemini APIs.	
<b>The Koç School</b> <b>International Baccalaureate Diploma Program (IBDP)</b>	<b>September 2022 – June 2024 Istanbul, Türkiye</b>
▪ Wrote final paper (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.	

## OTHER COURSEWORK

<b>Harvard University Secondary School Program</b>	<b>June 2023 – August 2023 Cambridge, Massachusetts</b>
▪ 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-)	
<b>Harvard University: CS50's Introduction to Programming with Python (CS50P)</b>	<b>October 2022 – May 2023</b>
Completed nine problem sets and one final project.	

## EMPLOYMENT

<b>Monk AI Group</b> <a href="http://monkgroup.ai">monkgroup.ai</a>	<b>December 2024 – December 2025</b>
<b>Lead of Frontend Development &amp; UI/UX</b>	<b>Boston, Massachusetts &amp; London, UK</b>
Led development at AI agency. Delivered 60+ bespoke AI solutions, achieving an average 45% reduction in operational costs for multi-million-dollar clients while maintaining exceptional customer satisfaction rates.	
<b>The Istanbul Chronicle</b> <a href="http://theistanbulchronicle.com">theistanbulchronicle.com</a>	<b>October 2021 – May 2022</b>
<b>Lead Software Developer</b>	<b>Istanbul, Türkiye</b>
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.	
<b>Wingie Enuygun Group</b> <a href="http://wingie.com">wingie.com</a>	<b>July 2021 – September 2021 • 45 hours per week</b>
<b>Full-Time Web Development Intern</b>	<b>Istanbul, Türkiye</b>
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	▪ Blockchain development using the Solidity programming language. Development of cryptocurrencies and NFTs.
▪ Proficient in Python, Go, JavaScript, TypeScript, Java, Kotlin, and Rust programming languages.	▪ Machine learning with TensorFlow and Keras.
▪ Proficient in web frameworks and libraries such as Next.js, React, Svelte, Tailwind, and Framer Motion.	▪ ChatGPT and Gemini APIs.
▪ Git and GitHub	▪ UI/UX design and prototyping using Figma.
	▪ Proficient in the design and usage of SQL relational databases like PostgreSQL, MySQL, and SQLite.

## SERVICE

### Massachusetts Institute of Technology Turkish Translation of MIT AppInventor

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.

October 2021 – August 2022

Cambridge, Massachusetts & İstanbul, Türkiye

### Fundraising for State School Independent Community Service

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.

November 2022

Ankara, Türkiye & İstanbul, Türkiye

## EXTRACURRICULARS, PROJECTS & HONORS

### The IBPS Programming Language [ibps.itsbaris.com](http://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.

### ThreAIT

Researcher • November 2022 – December 2023

### Research Project

Paris, France & İstanbul, 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.