

# Doruk Ersoy

🏠 Euston Road, St Pancras Chambers, Apartment 5-10, London, NW1 2AR | 📞 +44-7931-276-119  
✉ [dorukersoy2006@gmail.com](mailto:dorukersoy2006@gmail.com) | 🌐 [dorukersoy.com](http://dorukersoy.com) | 🔗 [linkedin.com/in/doruk-ersoy](https://www.linkedin.com/in/doruk-ersoy) | 🐙 [github.com/dorukersoy47](https://github.com/dorukersoy47)

## Education

**University College London (UCL)** London, UK  
BSc in Computer Science 2024 – 2027

- **Achieved First Class Honours (1:1)** overall in Year 1 (**78.6/100**) with all modules **graded First**.
- **President** of Game Development Society and **Sponsor & Outreach Officer** of Turkish Society.

**Koc High School (with 40% Merit-Based Scholarship)** Istanbul, Turkey  
Graduated from IB (**40/45**) and Turkish National Diploma (**93.76/100**). 2020 – 2024

## Experience

**Internship, Software/AI Engineer** Istanbul, Turkey  
Selco Consulting August 2025 – Present

- Benchmarked **IBM Watsonx AI agents** for Turkish summarisation to support client applications.
- **Authored** two research projects about **LLM memory storage** and **ML usage in retail forecasting**.
- **Developed** a **React** app that visualises **Petrol Ofisi** oil warehouses and travel routes on the Turkey map.
- **Contributed** to a **SQL-Python** review app for **database comparisons** that generates **Excel** reports.

**President, Game Development Society** London, UK  
University College London June 2025 – Present

- **Organised** weekly events, tutorials, and game jams for **80+** members.
- **Directed** team-based development and **led jams** like the Global Game Jam, making Untitled Bubble Game.

**Internship, Front-end Web Development** Istanbul, Turkey  
Hepsiburada January 2023 – February 2023

- **Created** Elementify, a website which converts strings into elements leveraging **JS/HTML/CSS**.
- **Participated** in meetings and technical discussions on localisation and **package size management**.

**Internship, Back-end Web Development** Istanbul, Turkey  
IBTech International Information and Communication Technologies (QNB Finansbank) August 2022 - August 2022

- Got introduced to **quality assurance** processes and **server architecture** by analysing apps of Finansbank.
- **Designed** a basic **MVC** website operating **Visual Studio IDE** to become familiar with application architecture.

## Projects

**IBM Watsonx Turkish Benchmark Test | *Python, IBM Watsonx, Git*** 2025

- **Implemented** **ROUGE-1/2/L** tests to compare Watsonx Agent models' Turkish summarisation performance.
- **Published** results on GitHub, **presented to IBM**, and received positive feedback from their development team.

**Portfolio Website | *Next.js, TypeScript, Tailwind, Vercel*** 2025

- **Designed and deployed** a modular full-stack portfolio site with **server-side rendering** and type-safety.
- **Implemented** caching and reusable layouts to improve scalability, developer experience, and performance.

**Search Filter Extension | *JavaScript, HTML, CSS, Git*** 2025

- **Built** a Chrome extension for **advanced search filtering** with site blocking through highlight/hide functionality.
- **Collaborated** with 3 other UCL peers to develop and document our process through a YouTube demo.

**Class Manager | *React, MongoDB, JavaScript, Git*** 2024

- **Constructed** a full-stack React app for my piano teacher to manage students, lessons, and payments.
- **Implemented** instant translation, availability checks, and student progress analytics to improve accessibility.

**Beyin Gocu | *HTML, CSS*** 2023

- **Co-founded** a student association to share **IB/AP** knowledge through web and video content.
- **Managed** the website and YouTube (**20+ videos, 1k+ views**).

## Technical Skills

**Languages:** Python, C, JavaScript, TypeScript, HTML/CSS/Tailwind, Java, SQL, C#, GDScript, Haskell  
**Engines/Frameworks:** React, Next.js, Node.js, MongoDB, Godot, Unity  
**Developer Tools:** Git, Vercel, Visual Studio, VS Code, Arduino, ESP32