Doğukan E. Türköz

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EDUCATION

University College London Sep 2024 - Dec 2025
MSc Computer Science · Merit
London, United Kingdom
Selected modules: Computer Architecture and Operating Systems
Database Fundamentals · App Engineering (web applications)

University of Warwick Sep 2021 - Jun 2024
BSc Mathematics · First Class Honours
Coventry, United Kingdom
Undergraduate Global Excellence Scholarship recipient

Üsküdar Amerikan Lisesi Sep 2017 - Jun 2021
International Baccalaureate (IB) · Final grade: 44/45

EXPERIENCE

Saykal Electronics Aug - Sep 2024
Frontend Engineer Intern · Bilişim Vadisi, Kocaeli, Türkiye
Fixed bugs and developed UI features for a Vue.js herd management app.

Intertech (DenizBank's technology subsidiary) Jun - Jul 2024
Software Engineer Intern · Istanbul, Türkiye (remote)
Built responsive React components for a finance education app and integrated GPT-3.5 via Azure OpenAI Service for personalised content.

SELECTED PROJECT

EcoNomad Dashboard & Farmer Engagement App Jan - Jun 2025
Team Lead · UCL client project · Five-person team

- Developed Python and Node.js scripts to retrieve and process biogas sensor readings for PostgreSQL-backed monitoring dashboards.
- Set up Azure VM and Docker Compose infrastructure for the Next.js app, and wrote documentation for deployment and client handover.
- Configured Linux swap to address memory pressure on the Azure VM and helped arrange an instance upgrade to increase available memory.

CERTIFICATIONS & TRAINING

Linux Essentials 2.0 · LPI Nov 2026
Google Data Analytics Jul 2023

SKILLS & LANGUAGES

Systems & platforms: Linux · Azure · Docker · PostgreSQL
Programming: Python · JavaScript · SQL
Tools: Git · Bash/zsh · Codex
Languages: Turkish (native) · English (fluent)