

Servet Efe Tekin

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Education

University College London – BSc Computer Science (1st Class, 74.3%), Minor in Mathematics 2023 – 2026

- Courses: C, Python, Java, Software Engineering, Machine Learning, Financial Mathematics
- Societies: Founding Member and Treasurer of Game Development Society, Treasurer of Turkish Society

Uskudar American Academy – Anatolian High School Diploma (GPA: 96.29 / 100) with AP Exams 2018 – 2023

- President of Coding and Game Design Club; Organizer for Codefest; Robotics Club Member
- 5/5 in AP Calculus BC, CS A, Statistics, Chemistry, Mechanics, Electricity & Magnetism, Macro & Microeconomics

Experience

Software Engineering Intern, Squarepoint Capital June 2025 – Sept 2025

- Investigated how FIX messages from 10+ counterparties (e.g., JPM, Bloomberg) are received and how trade inputs from their GUIs populate downstream fields
- Individualised enrichment logic to reduce the size of the routing table used for 100,000 daily trade messages
- Built custom FIX message tests using the Behave BDD framework with .feature files to validate enrichment behavior
- Designed and automated a weekly cleanup process for redundant or obsolete entries, generating merge requests and enforcing CI schema validation to maintain consistency across a 7,000-line JSON key-mapping table
- Worked with GitLab CI/CD pipelines and managed feature/release branches; coordinated releases by stopping/restarting instances on production boxes with approval-driven ticketing workflows

Full-Stack Web Developer, Avanade - Part Time Sept 2024 – March 2025

- Partnered with Avanade as part of a university-industry project to design and deploy Dialogue Hub using Azure tools
- Worked within Avanade's enterprise Azure environment to build and deploy services
- Documented architectural decisions on a companion report site and followed structured DevOps workflows

Software Engineering Intern, Ergun Holding - Koda Technologies June 2024 – July 2024

- Developed Garanti Barter website and SQL-based database for 200+ companies (MVC, .NET, Entity Framework)
- Shadowed full-stack team on a 9-month B2B product for 500+ users

Projects

Diaoluge Hub (React, Flask, SQL, Accessibility Design) Sept 2024 - April 2025

- Built an accessible chatbot platform for a community café supporting people with visual and auditory impairments
- Integrated screen reader support, font-size adjustment, high-contrast mode, and dyslexia-friendly font options
- Included booking system, interactive menu, daily speech content via YouTube Shorts
- Enabled full voice input and command support via a conversational chatbot interface

UniMenti (C#, .Net, SQL, MVC) June 2024 - Sept 2024

- Built a mentorship web app for high school students; implemented auth, search, filtering, SQL storage

Patient Data Management System (Java, Maven, MVC) Jan 2024 - May 2024

- Web system for uploading CSVs, converting to JSON, displaying patient profiles, and visualising metrics

J.P. Morgan Virtual Experience, Forage Jan 2024

- Used JPMorgan's Perspective to render live trading data in interactive graphs; fixed broken local repo setup

Technical Skills

- **Programming Languages:** Python, Java, C, C#, SQL, JavaScript, HTML/CSS
- **Frameworks & Libraries:** .NET, Flask, React, Entity Framework, TensorFlow, Maven, Behave (BDD)
- **Tools & Platforms:** Azure, Git, GitLab CI/CD Pipelines, Docker, Linux, SQL Server, GitHub, PyCharm
- **Concepts:** Algorithms & Data Structures, MVC Architecture, Full-Stack Web Development, Machine Learning, Accessibility Design, Software Development Life Cycle, CI/CD Workflows, Environment Management (Dev/Prod),