BULENT DAYIOGLU

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Professional Summary

Freshly graduated Computer Engineer with a strong interest in Artificial Intelligence, particularly in Large Language Models (LLMs) and their practical applications. Actively following the latest advancements and benchmarks in the AI field, with hands-on experience using a wide range of LLMs including Grok, Claude, ChatGPT, Gemini, and DeepSeek. Proficient in Python, Java, and C++, with ongoing development in .NET technologies and database systems such as PostgreSQL and SQL Server. Passionate about experimenting with new tools and frameworks, and highly capable of translating AI innovations into real-world solutions. Adept at rapid learning and problem-solving, with a strong command of modern development environments and tools.

EDUCATION

Atilim University, Engineering Faculty, Computer Engineering   **2023-2025**
- Years 3 & 4

Yeditepe University, Engineering Faculty, Computer Engineering   **2020-2023**
- Prepschool - Years 1 & 2

English Language School, Malvern House, London   **July 2023 - August 2023**

WORK EXPERIENCE

SENEKA, Intern   **July 2025 - August 2025**

- Developed a .NET desktop application using Gemini to generate and refine the C# codebase. The app stamps each page of a selected PDF at a precise position, meeting official formatting standards. Collaborated with the model through structured prompts, enabling rapid prototyping, debugging, and precise image placement.
- Used ChatGPT,Claude and Gemini to generate technical documentation and analyze internal reports. Automated the creation of summaries, system descriptions, and usage guides, reducing manual effort and improving consistency.

Onlayer, Intern   **Jan 2024 - July 2024**

Web Automation and Validation
- Developed a web automation and validation tool using Python and the Playwright library. The tool simulates web requests and automatically verifies responses by comparing HTML content with corresponding PostgreSQL database records. Environment-specific configurations were managed through .env files, ensuring flexibility and security across different setups.

PROJECTS

Personal Training Web App (Ongoing): Built a dual-panel fitness site with separate dashboards for trainers and clients. Included an exercise library and custom workout program creation feature

AI-Powered Question Generator: Developed a web app that extracts educational content from PDFs and generates multiple-choice,true/false and open-ended questions with answers,explanations using LLMs

Spaceship Game (School Project): Created a 2D space shooter game with keyboard controls, collision detection, and score tracking. Implemented core gameplay mechanics using object-oriented design.

Graduation Project – Plant Disease Diagnosis App: Developed a mobile app that allows users to upload plant images and receive disease predictions with treatment suggestions. Collaborated with a teammate who trained the image classification model, while focusing on building the Flutter-based interface and implementing a FastAPI proxy server for model integration.

ADDITIONAL INFORMATION

- **Technical Skills**
  - **Programming Languages:** Python, Java, C,C++, .NET (learning)
  - **AI & LLMs:** Practical experience with ChatGPT, Claude, Gemini, Grok, DeepSeek
  - **Databases:** PostgreSQL, SQL Server (SSMS)
  - **Tools & Platforms:** Windsurf, Cursor, Git
  - **Areas of Interest:** Artificial Intelligence, Machine Learning, LLM Integration, Prompt Engineering
- **Languages:** English,Turkish
- **Certifications:** Oxford EELT 7(equals to 6.5 IELTS).