

Aziz Emre Ayan

Computer Science Student — AI & Software Development

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PROFILE

Computer Science student focused on building practical AI and software systems. Interested in solving real problems, writing clean code, and improving systems through testing and iteration.

EDUCATION

Bilkent University

Ankara, Turkey

B.Sc. in Computer Science

2023 – Present

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Digital Design

Stanford University

Remote

Code in Place Certificate — Python fundamentals, problem solving, debugging

2024

PROJECTS

ML-Based Code Review CLI

Python

- Built a command-line tool that analyzes source code using simple ML ideas and rule-based checks
- Focused on clean structure and usability instead of over-engineering
- Tested different approaches to understand what improves results

Academic Lab Management System (Group Project)

AI Integration

- Contributed to system design and key technical decisions
- Developed an AI agent that works inside Overleaf to review academic documents
- Designed the agent to provide feedback and assist users during writing
- Collaborated with team members on integration and feature development

Router AI Agent (in progress)

C#, Microsoft Agent Framework

- Building an agent that directs user requests to the correct tools
- Working on basic state management and evaluation of routing decisions

Prompt-to-JSON Chrome Extension

JavaScript

- Built a Chrome extension that converts structured prompts into JSON format
- Focused on input validation and simple UI for faster usage

EXPERIENCE

AI Society President

Ankara, Turkey

Bilkent AI Society

2024 – Present

- Organized 2 hands-on AI workshops and coordinated 10+ online conferences
- Led student-side execution of a mentorship program with Global Turks AI

TECHNICAL SKILLS

Programming: Python (primary), C#, Java, C++

ML & AI: scikit-learn, NumPy, pandas, matplotlib, prompt design, basic tool routing

Tools: Git/GitHub, CLI workflows, VS Code

ADDITIONAL

Data Science & AI Summer School — CoderSpace (2024)

Languages: German (A2)

Competitive chess background