

Ayhan Gurbangeldiyev

AI Engineer



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Summary

Young and motivated AI engineer with a strong background in AI and software development, confident in technical abilities and dedicated to creating intelligent systems that solve real-world challenges. Distinguished by a visionary mindset, intellectual curiosity and a collaborative spirit, bringing not only technical expertise but also a unique perspective and social adaptability. Highly driven to grow, innovate and add value with the ambition to contribute to organizations shaping the future with AI

Work Experience

AI Engineer Intern | Inventra A.Ş.

Mar – Jun 2025

- Developed **AI models** for personalized **skincare analysis**, increasing recommendation **accuracy** by **15%**
- Built **YOLO**-based **computer vision** models and integrated **LLMs** for user-specific skincare suggestions
- Optimized **ML pipelines**, reducing **model training** time by **20%**

Project & Experience

Academy of AI & Technology | [AI Applications Development Graduate](#)

Nov 2024 – Aug 2025

- Bootcamp & Jüri Özel Ödülü** | **ParkinsonAI** Healthcare Project
 - Part of a member team developing **ParkinsonAI** an AI-driven diagnostic project for Parkinson's disease.
 - Managed data preprocessing, model training, and deployment using Python, **PyTorch**, **Scikit-learn**, **Docker** and **Cloud** services
 - Delivered a production-ready project, **awarded** Jüri Özel Ödülü
- Hackathon & Ideathon** | **Education & Healthcare** Project
 - Participated in a **Hackathon** contributing to prototype development, **ML model** integration, and team collaboration.
 - Developed AI solutions in **Ideathon** for healthcare and **LLM** applications, managing end-to-end project development including design, prototyping and deployment

[TEKNOFEST 2025](#) | **PsychoOnko: Virtual Group Therapy with VR 'Morvia' Team**

Nov 2024 – May 2025

- Contributed as a developer team member in the Technological Applications in Psychology Competition, collaborating with Medipol University psychology students and software developers to design and implement an interdisciplinary AI-driven solution

[TÜBİTAK](#) | [2209-A Research Project Support Program](#)

Nov 2024 – May 2025

Project Leader | Bahçeşehir University

- Led a 4 member team to develop an **AI & IoT** smart farm system with real-time livestock monitoring using **YOLOv**, **PyTorch**, **NVIDIA Jetson Nano** (Edge device) and sensors
- Improved farm productivity by **15%**, reduced manual tracking by **40%** and optimized operations in line with [UN 2030 SDGs](#)

Education & Training

[Bahçeşehir University](#): Beşiktaş, Istanbul

2022 – Present

Bachelor of Science in Artificial Intelligence (AI) Engineering

- Relevant Coursework: Machine Learning, Deep Learning, Data Science, Cloud Computing, AI Ethics
- Skills & Tools: **Python**, **C++**, **SQL**, **MongoDB**, **Docker**, **Kubernetes**, **Microsoft Azure**, **AI Tools**

[Academy of AI & Technology](#) | [AI Applications Development Graduate](#)

Nov 2024 – Aug 2025

- Focused on AI & web application development, entrepreneurship and project management
- Gained hands-on experience in building intelligent systems and delivering practical AI solutions
- Developed a visionary and collaborative mindset, combining technical expertise with strategic problem-solving

Events & Programs

Aspire Leaders Program 2025 | [Aspire Institute Inc.](#)

Aug 2025 – Present

- Participating in Global leadership and professional development programs.
- Engaged in workshops, mentorship and networking, enhancing leadership and collaboration skills

[AKBANK UniChallenge+](#) Digital Student Affairs Training Camp | [Boğaziçi University](#)

July – Aug 2025

- Attended a training camp organized by [IAB.TR](#)
- Developed practical skills in digital innovation and project development

[AWS Cloud Day Turkiye](#) | Zorlu PSM – İstanbul

24 Sep 2025

[International Future AI Summit 25](#) | Besiktas – İstanbul

16-17 Apr 2025

Course Certificate

- IBM: [Deep Learning, PyTorch, Keras & Tensorflow](#), [Generative AI Fundamentals](#)
- [Google Project Management](#)
- [Microsoft Azure Cloud Services](#)
- HackerRank - Problem Solving

Soft Skills

Communication - *Effectively conveying ideas and collaborating with diverse teams*

Teamwork - *Working efficiently in group settings to achieve common goals*

Leadership - *Guiding projects and motivating peers toward successful outcomes*

Problem Solving - *Identifying challenges and implementing effective solutions*

Adaptability - *Quickly adjusting to changing environments and new technologies*

Creativity - *Generating innovative ideas and approaches to complex problems*

Languages:

Turkmen - *Native*

Turkish: *C2 (Fluently, read/write high proficiency)*

English: *B2 (Intermediate proficiency)*

CEFR Levels: *A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

Communities & Volunteering

- Bilgisayar Kavramları Topluluğu – *Member, participating in tech-focused activities*
- Bahçeşehir University Artificial Intelligence Society (AIS) – *Member, involved in AI projects and event.*
- Toplum Gönüllüleri Vakfı

Driving Licence

- Categories: M, A1, A2, B1, B

Activities

- Gym & Fitness Training - *Regular workouts for endurance, strength and well-being*
- Professional Table Tennis Player - *Competing at high levels*
- Workshops & Bootcamps – *Attended leadership, entrepreneurship and AI focused programs*
- Mentorship & Networking Programs – *Engaging with professionals to develop skills and gain industry insights*