Aylin Muzaffarli

9th Grade Student | Sumgait, Azerbaijan

Summary

A dedicated 9th-grade student from Azerbaijan with a strong interest in AI, robotics, and physics. I balance a rigorous academic curriculum with self-directed projects and preparation for national Olympiads, aiming to create innovative technologies with real-world impact in AI and robotics. My goal is to contribute to advancements in science and technology while inspiring others through creative, impactful projects.

Education

Sumgait 23rd School — Public Education (Standardized Curriculum)
9th Grade Student, 2023–Present

- Estimated GPA: 3.8/4.0
- Pursuing self-driven specialization in mathematics, physics, and informatics
- Expected Graduation: 2028

Projects

AverlinMz — AI Chatbot with Contextual Memory & Goal Tracking
- Developed a personalized chatbot using advanced AI techniques for study goals, context awareness, and emotional engagement
- Work in progress, tested by family and close network
- Website: aylinmuzaffarli.github.io/averlinmz-site/

Robotics Kit Website (Upcoming)
- Collaborating with my sister, Nilay, to create an interactive platform for a "6-in-1 STEM solar robot kit," combining mechanical assembly guides with engaging content for young learners
- Driven by our shared passion for robotics and innovation

Exploratory Projects

Offline Wikipedia + AI Summarization Platform
- Concept: An offline-accessible Wikipedia with AI-generated concise summaries and a modern, intuitive design to enhance knowledge accessibility
- Reason for pausing: Technical scope was overwhelming, and motivation decreased without a clear path for gradual development

Unique Blog with Articles and Personal Insights
- Concept: A website sharing reflections on science, technology, and personal growth
- Reason for pausing: Challenges in maintaining consistent inspiration and concerns about audience engagement

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Skills & Interests

Technical Skills:

- Programming Languages: C++ (Beginner, competitive programming), Python (Intermediate, learning)
- Areas of Interest: Artificial Intelligence, Robotics, Physics Olympiads, Software Engineering
  Languages:

- Azerbaijani (Native)
- English (Fluent)
- Russian (Fluent)
- Turkish (Conversational)

Extracurricular Activities & Goals

- Preparing for the Azerbaijani Republican Physics Olympiad (RFO) by practicing past problems, with aspirations to compete in the International Physics Olympiad (IPhO)
- Balancing academic rigor with creative projects to sustain passion and avoid burnout
- Seeking international mentorship and collaboration to grow beyond traditional schooling

Contact

Open to connections, mentorship, and collaboration. Contact me at:

- **Email**: muzaffaraylin@gmail.com
- **GitHub**: aylinmuzaffarli