Mert Hamza Yılmaz

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Education

Middle East Technical University	Famagusta/Ankara,Cyprus/Turkey
Bachelor of Science in Software Engineering	Graduation Date
Turkey's Top Ranked University	October 2027

Relevant Courses: Systems Programming, AI Applications, Software Design, Algorithm Development

Language of Instruction: English

Study Abroad Cyprus	Famagusta, Cyprus
Study abroad coursework in campus Exchange METU NCC	Jun 2022	Still Enrolling

High School Name	Istanbul, Turkey
Erkut Soyak Anatolian High School /TUBITAK (STEM projects)	Graduation Date
	October 2021

Experience

Momentus Gemmae	Dubai, BAE
Founder & CEO	*Feb 2020 – Present*

- Launched and scaled a jewelry-tech brand combining emotional design with digital storytelling
- Directed product development lifecycle including branding, e-commerce strategy, and marketing
- Applied UX and design engineering to enhance customer engagement and brand identity
- Delivered custom product collections generating early traction in niche markets

Microsoft	*Remote (Redmond, WA,USA)*
Remote Software Development Intern/Tester	*Jun 2022 – Jul 2022*

- Developed code modules for simulated enterprise applications using Microsoft tools
- Collaborated with virtual engineering teams to address real-world case challenges
- Completed milestone projects involving data handling, reporting, and cloud environments
- Demonstrated proficiency in teamwork and agile-based task delivery

Turkcell	*Istanbul, Turkey*
	Dec 2023 – May 2024

- Assisted over 300+ customers with tech product consultations and package upgrades
- Executed targeted upselling strategies, increasing store conversion rates by 15%
- Managed in-store demos and guided clients on product features and digital services
- Strengthened interpersonal communication and negotiation in high-pressure environments

Scouting and Guiding Federation of Turkey	*Istanbul, Turkey*
Youth Leader	*Jun 2013 – May 2025*

- Facilitated youth leadership programs for 100+ participants annually
- Designed and implemented community service projects promoting environmental awareness
- Led weekend expeditions and team-building workshops to develop life skills

European Union Delegation to Turkey _Remote (Brussels,Belgium)_
Cultural Projects Volunteer _Mar 2022 – Present_

- Supported cultural diplomacy events as part of EU youth outreach and communications
- Handled logistics, digital coordination, and promotional content development
- Acted as a youth representative at virtual conferences and cultural dialogues

T3 Foundation _Istanbul, Turkey_
Volunteer Trainer _Jun 2020 – Present_

- Delivered STEM-based educational modules to high school students in underserved communities
- Coached student teams in national technology competitions and project showcases
- Created interactive workshops on robotics, software logic, and innovation thinking
- Promoted equal access to technology education and hands-on engineering skills

Certifications

- Innovating with Google Cloud AI – **Google DeepMind** – May 2025
- Responsible AI: Applying AI Principles with Google Cloud – **Google** – May 2025
- Machine Learning for Healthcare – **Stanford University** – Apr 2025
- CS50's Introduction to Computer Science – **Harvard University** – Mar 2024
- Python Essentials 1 and 2 – **Cisco Networking Academy** -May 2025

Tech Articles

- _Baykar's KEMANKEŞ 1 & 2: AI-Powered Mini Cruise Missiles_ analyzing UAV autonomy
- Explored swarm robotics in _Swarm Intelligence in Autonomous Drone Systems_
- Proposed cross-disciplinary roles for coders in _From Code to Compost_ for agritech applications

Skills & Interests

- **Technical**:
- Programming: Python, C, HTML/CSS, TI-Basic
- **Tools**: Git, Figma, Canva, VS Code
- **Concepts**: Embedded Systems, UI/UX, AI, Product Prototyping, ML in Healthcare
- **Language**: Turkish (Native), English (Fluent), German (Basic Working Proficiency)
- **Laboratory**: List scientific / research lab techniques or tools [If Applicable]
- **Interests**: Smart Cities, Dual-Use Defense Technologies, Sustainable Agriculture, Drone Systems, Technoparks