

DENİZ UMUT BAYRAK

COMPUTER ENGINEER



CONTACT



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<https://github.com/DenizUmutBayrak>

TECHNICAL SKILLS

- HTML , CSS, JavaScript
- C++, C# , C, Java
- Python
- Stm32 & ESP32 Microcontrollers

SOFT SKILLS

- Project Management
- Adaptability
- Teamwork & Collaboration
- Leadership
- Critical Thinking
- Problem Solving

LANGUAGES

- English (Upper-Intermediate)
- French (Basic)
- Spanish (Basic)
- Turkish (Native Language)

PROFILE

I am a third-year Computer Engineering student with a strong IT foundation. I am passionate about software development, machine learning, and data analysis. During my embedded systems internship, I gained practical experience applying theory to real projects, improving my software and teamwork skills. I enjoy collaborating on projects and am eager to learn new technologies to create effective solutions. My goal is to become an AI engineer in the future.

EDUCATION

2021-2026

ISTANBUL BEYKENT UNIVERSITY

- Bachelor of Computer Engineering
- GPA: 3.31/ 4.0

WORK EXPERIENCE

FAKIR Hausgeräte

Embedded Systems Intern

- Developed and tested embedded applications on ESP32 and STM32 microcontrollers.
- Implemented communication protocols including Modbus and managed flash memory operations.
- Configured and utilized ESP32 hotspot functionality for device connectivity.

CAPELLA UAV TEAM

Board Member & Software Team Member

- Conducting research on sensor software for unmanned aerial vehicles
- Software Development for Autonomous Search & Rescue Drone

BEYKENT UNIVERSITY CLUB of ENTREPRENEURSHIP

Sponsorship Coordinator

- Identify the organization's sponsorship goals and create strategic plans to achieve them.
- Establish, develop, and maintain relationships with sponsors.

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LICENCES AND CERTIFICATES

- Elements of AI - Minna Learn 21 April, 2025
- Responsive Web Design - From FreeCodeCamp 22 September, 2024
- Unity Essentials Pathway - From Unity 19 April, 2024