Erkan Tiryakioğlu

Student

Passionate about control cards and embedded systems with experience in both hardware and software projects. Strong communication skills, curious and adaptable, eager to embrace innovation and continuous improvement.

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📍 Ataşehir, Istanbul, Turkey

🔗 github.com/erkantryk

📱 (90) 5388500186

in linkedin.com/in/erkantiryakio%C4%9Flu

EDUCATION

Electrical Electronics Engineering
Marmara University

2020 - Present   *Istanbul/Turkey*

High School
Bolu Science High School

2015 - 2019   *Bolu/Turkey*

Activities
- School Basketball Team - PF
- Arduino Project Team

WORK EXPERIENCE

Network Operation & Management Intern
Türk Telekom International

08/2025 - 09/2025   *Istanbul/Turkey*
Handled service backbone checks, port/VLAN configurations, OTDR measurements, and real-time monitoring with Cacti and Zabbix.

Website : *turktelekomint.com*

Electrical Electronics Intern
BPAS

07/2024 - 11/2024   *Istanbul/Turkey*
Contributed to product development through assembly and wiring of components, and conducted motor and controller testing.

Website : *bpas.com.tr*

Embedded Systems Intern
MOVE ON

08/2023 - 10/2023   *Istanbul/Turkey*
Developed and tested component codes, contributed to IoT tasks and kit assembly, and gained exposure to image processing and AI applications.

Website : *moveon.ai*

Web Developer
Inntech Yazılım & Bilişim

06/2020 - 08/2021   *Bolu/Turkey*
Developed and maintained front-end and back-end web applications for company and clients.

Website : *inntechyazilim.com*

ORGANIZATIONS

Marmara Havacılık & Uzay Kulübü (2022 - 2023)
Electronics Subunit Leader of the PU-SAT Satellite Team at Teknofest, responsible for communication systems and sensors.

SKILLS

HTML · CSS · C · C++ · Python · Arduino · JavaScript · JQuery · STM32 · Matlab · Simulink · LTspice · SQL · OOP · AutoCAD · LLM Engineering · Teamwork · Project Management · Leadership

EXTRA-CURRICULAR ACTIVITIES

ESN Marmara - Volunteer (2023 - 2024)
- Organized activities to support Erasmus students and promote cultural exchange.

Dansmar - Festival Team Member (2021 - 2022)
- Performed bachata shows at the dance festivals of 11 universities.

Marmara Royals - American Football Team Player (2021 - 2022)
- University league school team - WR/LB

CERTIFICATES

Arduino Programming and Hardware Fundamentals
https://ude.my/UC-05e61e05-c2d5-45e5-b773-5a25d062d825

MATLAB Onramp
https://matlabacademy.mathworks.com/progress/share/certificate.html?id=0bbee26a-894f-4980-881c-df516769fdb9&

Simulink Onramp
https://matlabacademy.mathworks.com/progress/share/certificate.html?id=b81476b6-1c37-43e0-9e54-c70e1e1cd9a0&

Querying Database with SQL
https://gelecegiyazanlar.turkcell.com.tr/certificate/dWlkMzU3Njg1Y2lkNTU0MjFFxaWQxODJlbmQ=

LANGUAGES

Turkish	English
Native or Bilingual Proficiency	*Professional Working Proficiency*

INTERESTS

Bachata · American Football · Reading · Writing · Artificial Intelligence · Robotics