



# Erkan Tiryakioğlu

Student

I have been interested and skilled in control cards since high school. I started programming with web programming and continued with different languages. I had the opportunity to take part in various projects, both hardware and software. I am a social and curious person with high communication skills, always open to innovations.

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## EDUCATION

### Electrical Electronics Engineering

Marmara University

2020 - Present

### High School

Bolu Science High School

2015 - 2019

## WORK EXPERIENCE

### Electrical Electronics Intern

BPAS

07/2024 - 11/2024

Istanbul/Turkey

In this internship, where I had the opportunity to learn about control cards and sensors, I also had the opportunity to examine the systems mechanically. In addition, I had the chance to practice manual works such as assembly and soldering.

Website : [bpas.com.tr](https://bpas.com.tr)

### Embedded Systems Intern

MOVE ON

08/2023 - 10/2023

Istanbul/Turkey

During this internship, where I worked in embedded systems, I had the opportunity to improve myself in embedded systems, artificial intelligence and autonomy. I worked in both software and mechanical parts.

Website : [moveon.ai](https://moveon.ai)

### Electrical Technician

Esanadolu

07/2021 - 08/2021

Bolu/Turkey

I had the opportunity to learn about fire detection, extinguishing systems and electrical panels at my 6-week job during which I gained experienced.

Website : [esanadolu.com.tr](https://esanadolu.com.tr)

### Web Developer

Inntech Yazılım & Bilişim

06/2020 - 08/2021

Bolu/Turkey

As a team, we created the company's website and took various tasks in other works of the company. I have also taken different website jobs from other companies as a front-end developer individually.

Website : [inntechyazilim.com](https://inntechyazilim.com)

## SKILLS

HTML

CSS

Bootstrap

C

Python

Arduino

JavaScript

JQuery

Java

C++

STM32

OOP

LLM Engineering

Teamwork

Project Management

Leadership

## EXTRA-CURRICULAR ACTIVITIES

ESN Marmara - Volunteer (03/2023 - 09/2024)

– We support Erasmus students by organizing activities and introducing our culture.

Dansmar - Festival Team Member (10/2021 - 06/2022)

– We performed our bachata show at the dance festivals of 11 universities.

## ORGANIZATIONS

Marmara Havacılık & Uzay Kulübü (11/2022 - 04/2023)

I was the Electronics Subunit Leader of the **PU-SAT Model Satellite Team** which competing in Teknofest. I was in charge of communication systems and sensors.

## 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=0bbec26a-894f-4980-881c-df516769fdb9&>

Simulink Onramp

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

## LANGUAGES

Turkish

Native or Bilingual Proficiency

English

Professional Working Proficiency

## INTERESTS

Bachata

American Football

Reading

Writing

Artificial Intelligence

Robotics