



Kadir Kadiroğlu

I have been passionate about electronics since childhood and have completed numerous DIY projects in electronics, programming, and control.

My natural curiosity pushed me to explore these fields deeply, giving me a strong engineering foundation—especially in mechatronics.

I enjoy discovering and developing ideas that advance mechatronic technology.

In my free time I build and experiment with diverse mechatronics projects to see real-world results.

Hands-on project work drives continuous learning and steady skill improvement.

I combine mechanical, electrical, and software knowledge to solve complex engineering challenges.

I am eager to apply my skills professionally in innovative projects that sharpen my problem-solving and deliver real impact.

Personal

Name
Kadir Kadiroğlu

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Website
https://kdroglu.github.io

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linkedin.com/in/kadir-kadiroğlu-4a94a4278

Interests

Electronics DIY projects, programming and system integration

Rapid prototyping, 3D printing & test-driven productization

Software Development

Research and Learning

Technology trends, innovation & productization

Language Learning

Content creation — short-form video (Instagram Reels) for project demonstrations

Independent research & continuous learning across diverse technical topics

Electronic Circuit and PCB Design

Science Documentaries and Podcasts

Conduct Personal Research

Sensors, actuators & hardware integration

3D Design and Printing

Scientific Reading

Listening to Music from Different Cultures

Exploring New Places

Technical writing & article development (ideas, drafts, publication)

Education and Qualifications

Mechatronics Engineering <i>İstanbul Bilgi University, İstanbul</i>	Aug 2018 - Aug 2020
Mechatronics Engineering <i>Yıldız Technical University, İstanbul</i>	Aug 2020 - Jul 2024

Skills

Fusion 360: generative design,simulation,animation	<div></div>
SolidWorks	<div></div>
KiCad: PCB design	<div></div>
Java: OOP & GUI design	<div></div>
C++: Embedded systems programming	<div></div>
C#: GUI development (Windows Forms)	<div></div>
English: B2 proficiency	<div></div>
Embedded: Arduino, ESP32, RPi Pico, STM32	<div></div>
Adaptability and Continuous Learning	<div></div>
3D printing & prototyping	<div></div>
Prompt engineering	<div></div>
Content creation on instagram,youtube	<div></div>
Problem solving & system integration	<div></div>
MATLAB & Simulink: Simulation	<div></div>
MS Office	<div></div>
PLC Programming: Panasonic	<div></div>