

-Mehmet Emin Yardımcı

Gaziosmanpaşa/İstanbul • emin.yardimcii@gmail.com • +90 546 534 69 83 • www.linkedin.com/in/eminyardimci
• [Portfolio](#) • Military Service Status: Deferred (31.12.2029) • Class B Driver's License •

Education

Duzce University(Bachelor's Degree)

Mechatronics Engineering

GPA: 3.38

Duzce, Turkey

Graduation Date: 05/23/2025

Inonu Vocational and Technical Anatolian High School

Electrical-Electronics Technology / Security Systems

Bayrampaşa, İstanbul

Graduation Date: 06/14/2019

Experience

Mavili Holding

Intern

Esenler, İstanbul

08 2018 – 06 2019

- Worked as a maintenance and commissioning intern for one year in the production and technical service of fire systems.
- Gained experience in the installation, maintenance, and troubleshooting of fire alarm systems.
- Improved my teamwork and technical support skills.

Petkom

Intern

Bayrampaşa, İstanbul

06 2019 – 09 2019

- Worked in maintenance and assembly of cash register and POS devices.

Sonel Yazılım

Embedded Systems and Hardware Engineer

Düzce, Turkey

01 2023- 01 2024

- Actively participated in material selection for the robotic arm to be produced.
- Designed electronic boards and produced PCBs.
- Managed embedded software development processes.
- Brought the prototype to life with 3D printing.

T3 Vakfı

Part-Time Instructor

Düzce, Turkey

08 2023 – 12 2024

- Worked part-time as an instructor in Advanced Robotics, Internet of Things, Space and Aviation, Nanotechnology, and Design-Production.

Orhiba Robotics

Intern

Esenler, İstanbul

02 2025 – 03 2025

- Orhiba Robotics firması, insansız tarım robotları üreten bir firmaydı. Firmadaki görevim ise elektronik kart tasarımları ve gömülü sistem yazılımıydı.

Sunny Electronics

Intern

Esenyurt, İstanbul

02 2025 – 05 2025

- Completed my long-term compulsory internship in the R&D Hardware Design department.
- Designed various electronic boards and LDO (Low Dropout Regulator) circuits.
- Created enclosures (cases) for the designed electronic boards using SolidWorks.

Leadership & Activities

Düzce University Technology Community

Electrical Team Captain

Duzce University

08 2021 – 08 2022

- Managed design and integration of electrical systems.
- Ensured integration of sensors and actuators.
- Ensured safe operation of the system by following electrical safety standards.
- Coordinated team members to complete the project on time.

Mechatronic Technologies Community

Duzce University

Team and Electrical Team Captain

08 2022 – 10 2024

- Served as the team captain of the Robotaxi team.
- Led strategic planning and coordination of the team.
- Provided guidance and support to optimize team members' performance during competitions.
- Led the design and development of the Robotaxi prototype.
- Used communication and leadership skills to boost team motivation before and after competitions.
- Took part in the electrical team, designing and coding the vehicle control board.

Aerodynamic Systems and Technologies Community

Duzce University

Council Chair and Electrical Team Member

10 2024 – 06 2025

- Designed the vehicle control board and performed wiring in the Robotaxi electrical team.
- Designed and optimized ESCs in the Efficiency electrical team.
- Led the team in the Air Defense Systems competition, working on software, hardware, and mechanics.

Skills & Interests

Technical Skills: HMI, PLC, SCADA, SolidWorks, AutoCAD, Embedded Systems, RTOS, Arduino, STM32, Raspberry Pi, Electronics, PCB, Proteus, Altium Designer.

Languages: English (A2 Level), Turkish (Native)

Interests: Camping, Hiking, DIY Projects, Following Technological Advancements, Traveling, Playing Football and Basketball

Achievements

- Finalist, Teknofest 2022 Technology for the Benefit of Humanity Competition
- 3rd Place and Best Team Spirit Award, Teknofest 2023 Robotaxi Passenger Autonomous Vehicle Competition
- 6th Place, Teknofest 2024 Robotaxi Passenger Autonomous Vehicle Competition
- Finalist, Teknofest 2025 Robotaxi Passenger Autonomous Vehicle Competition
- 5th Place, TÜBİTAK 2242 Competition in Manufacturing and Automotive Category
- 4th Place, MEB International Robot Competition in Line Follower Category
- Acceptance to TÜBİTAK 2209-A Research Projects Support Program for Undergraduate Students