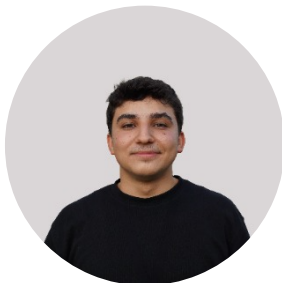# ÖMER FARUK GÜNAY

Computer Engineer

Kocaeli, Türkiye

05459456314

o.farukgny@gmail.com

+ ABOUT ME

I conduct academic projects and community work on artificial intelligence and autonomous systems. I aim to translate my technical expertise into tangible value in R&D-focused innovative projects.

+ EDUCATION

Mehmet Akif Ersoy University, Burdur
2027
COMPUTER ENGINEERING

- GPA: 3.50/ 4.00

Bialystok University of Technology, Poland
2025
COMPUTER SCIENCE

- Erasmus+ Student Mobility

Mehmet Akif Ersoy University, Burdur
2023
SCHOOL OF FOREIGN LANGUAGE

- Completed B2-level language course. Final grade of 87/100

+ SKILLS

C/C++, OOP, Python, Laravel, Vue.js, MySQL

Linux (Terminal), Git/GitHub, TensorFlow, PyTorch, Arduino

+ LINKS

Portfolio
https://github.com/ofarukgunay, https://omerfarukgunay.vercel.app/

Lınkedin
https://www.linkedin.com/in/ofarukgunay/

Certified Certificates
https://verified.sertifier.com/tr/profile/omerfarukgunay1155750/

+ WORK EXPERIENCE

Kartepe Municipality, Kocaeli — JUL 2025 - AUG 2025
ENGINEERING INTERN

- As an intern engineer in the IT department, I worked with computer hardware, cameras, and printers, and completed a service maintenance form desktop application project within IT requirements.

Yetgen, Uzaktan — AUG 2024 - PRESENT
SOFTWARE DEVELOPER

- I develop solutions using automation in the software development team of the "Yetkin Gençler" platform.

Mehmet Akif Ersoy University, Burdur — NOV 2023 - JUN 2024
IT INTERN

- I was responsible for technical support and equipment processes within the faculty.

+ EXTRA-CURRICULAR ACTIVITIES

Tübitak, Burdur — SEP 2025 - PRESENT
TÜBİTAK STAR SCHOLARSHIP

- I am working on the embedded system and web design for the project "Modular Thermoacoustic Cooler Powered by Concentrated Solar Radiation: Development of a Sustainable and Environmentally Friendly Cooling Technology" under the scope of 1001.

T3 Foundation, Burdur — MAR 2024 - PRESENT
INSTRUCTOR MENTOR SCHOLARSHIP

- I was previously a "You Will Come" scholar and am currently an active "Trainer Mentor" scholar. I have taken an active role in Teknofest competitions and mentor students at Deneyap Workshops.

Teknofest Community, Burdur — SEP 2025 - PRESENT
COMMUNITY BOARD MEMBER

- I play an active role in the community's event and project planning.

T3 Foundation, Remote — MAR 2024 - PRESENT
VOLUNTEER DEVELOPER

- I am contributing as a software developer to the T3 AI project.

+ PROJECTS

OCT 2025 - PRESENT
DIGITAL DENTAL WORLD - MULTI-LAYERED E-COMMERCE ARCHITECTURE

A scalable e-commerce platform was developed using Laravel (PHP) and Vue.js technologies in accordance with Object-Oriented Programming (OOP) principles. The system, built on the Model-View-Controller (MVC) architecture, features a Role-Based Access Control (RBAC) structure for the Admin, Warehouse, and Customer panels. The relational database design on MySQL was optimized, and the Iyzico payment system integration and RESTful API services were successfully implemented.

SEP 2025 - PRESENT
DEEP LEARNING-BASED GASTROENTEROLOGY IMAGE ANALYSIS (TÜBİTAK 2209)

Six different architectures were trained on the Kvasir-v2 dataset: EfficientNetV2, ResNet50, MobileNetV3 (CNN), and ViT, ConvNeXt, ResNeSt (Transformer). Models optimized with Transfer Learning and Data Augmentation were compared in terms of Inference Time and performance, achieving 94% accuracy. The integration of the best model into the system is being pursued as an R&D project.

+ LANGUAGE

English B2 (87/100)