

UMUTCAN ORTAKCI

Istanbul, Turkiye - +90 530 507 6183 - au.ortakci@gmail.com - linkedin.com/in/umutortakci/

PROFESSIONAL SUMMARY

Flight Test Engineer with hands-on experience operating Bayraktar TB2 and Kalkan VTOL platforms. Skilled in mission execution, system validation, pre-flight inspections, and prototype testing. Experienced in analyzing telemetry, documenting findings, and supporting engineering teams during development cycles. Strong technical communication skills and a safety-focused, high-responsibility mindset.

WORK EXPERIENCE

Flight Test Engineer — Baykar Technologies (Istanbul, Turkiye) | 12/2024 - Present

- Piloted daily missions on the Bayraktar TB2 and Kalkan VTOL platforms, handling takeoff, flight execution, emergency procedures, and system configuration.
- Performed pre-flight inspections, autopilot checks, sensor validation, and communication link testing to ensure flight readiness.
- Logged test results, analyzed system behavior, and supported rapid prototype improvements during development cycles.
- Contributed to an unreleased R&D; UAV project by conducting development test flights and reporting subsystem performance findings.
- Produced and translated technical documentation, operator checklists, and training materials for internal teams and foreign operators.
- Delivered theoretical and hands-on flight training for international Kalkan VTOL operators.
- Participated in evaluation sessions involving new avionics, payloads, and software builds.

Technical Support Assistant — Ford Trucks (Vilnius, Lithuania) | 05/2024 - 11/2024

- Coordinated communication between Ford Otosan Turkiye and local service teams.
- Opened and managed warranty cases, ensuring accurate issue reporting.
- Assisted with diagnostics and electronic system checks on heavy trucks.

Electronics Engineering Intern — HELLA (Kaunas, Lithuania) | 07/2023 - 10/2023

- Supported the testing team with routine engineering tasks and validation workflows.
- Built a Python automation tool that accelerated reporting and data transfer to German servers.

Electronics Engineer Intern — Flexkon (Istanbul / Kaunas) | 05/2023 - 09/2023

- Assisted with conveyor system installations at Mondelez Factory.
 - Supported panel wiring, electrical integration, and system testing activities.
-

EDUCATION

BSc in Electrical & Electronics Engineering (Honours) — Karabuk University, 2023
GPA: 3.2/4.0

Exchange Program — Lietuvos Inžinerijos Kolegija, Lithuania (2021–2022)
GPA: 3.5/4.0

TECHNICAL SKILLS

- Tools & Software: Python, SQL
 - System Testing & Validation
 - Documentation & Technical Translation
 - Electronics Diagnostics
 - Languages: Turkish (native), English (professional), Lithuanian (beginner)
-

SOFT SKILLS

- Decision-making
 - Adaptability
 - Safety mindset
 - Clear communication
 - High responsibility
-

ADDITIONAL INFO

- Driving License (B) (2018)
- Interests: Aviation, Defence, Automation, IoT