

BARIŞ CAN DAŞCI

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Education

Karabük University

Bachelor of Science in Computer Engineering (GPA: 3.02 / 4.00)

Sep. 2024 – Present

Karabük, Turkey

Ministry of Youth and Sports

10th Annual Engineering Winter Camp (Thematic Training)

Jan. 2026

Turkey

Technical Skills

Languages: Java, TypeScript, JavaScript, SQL, C, Python

Frameworks/Technologies: React Native, Expo, Firebase (Realtime DB), REST API, Godot Engine

Systems & Tools: Kali Linux, Git, GitHub, VirtualBox, Linux CLI, Adobe Animate

Engineering Tools: OpenRocket (Simulation), Avionics Communication Protocols

Experience & Competition Teams (TEKNOFEST)

Work and Travel USA (Virginia)

Cultural Exchange Program

Summer 2025

USA

- Successfully completed a 4-month cultural exchange program, enhancing verbal English proficiency and global adaptability in a professional US-based environment.

Hicaz Hyperloop Team

Avionics and Communication Specialist

Oct. 2025 – Present

Karabük University

- Developing algorithms to process high-speed sensor data for real-time telemetry systems.
- Working on low-latency communication protocols between the capsule and ground control stations.

PUHU Satellite Team

Software Team Lead & AI Integration

Nov. 2025 – Present

Karabük University

- Leading the software management for the "Mobile Satellite Terminal" project.
- Integrating AI-driven data processing units for autonomous signal optimization.

GEPTEK Rocket Team

Simulation Lead

Sep. 2025 – Jan. 2026

Karabük University

- Conducted flight simulations using **OpenRocket** to analyze stability and parachute deployment for mid-altitude rockets.
- Optimized rocket aerodynamic parameters to achieve targeted apogee with precision.

GEPTEK (Development, Project and Technology Club)

Founding President

Oct. 2025 – Present

Karabük University

- Coordinating technical visits to major defense industry hubs like **Teknopark Istanbul** and **TUBITAK**.
- Managing a network of engineering students to foster collaborative R&D projects.

Projects

Mali Günlük Pro (Expense Tracker) | Java (Swing), React Native, Firebase

2026

- Built a cross-platform finance system with real-time sync using Firebase and RESTful architecture.
- Implemented secure user authentication and data visualization for expense analysis.

ShareNote (AI-Powered Web App) | TypeScript, Firebase, OpenAI API

2025

- Developed a collaborative platform for note-sharing with automated AI summarization features.
- Led a team of 6, managing task distribution and Git version control workflows.

Certifications

BTK Akademi: Version Control: Git and GitHub — Adobe Animate Production (30 Hours)

Udemy: Artificial Intelligence and ChatGPT Mastery Training

Career Summit '25: Certificate of Participation