

TUNAHAN GÜL

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SUMMARY

Senior Computer Engineering student at Eastern Mediterranean University focusing on cybersecurity and cyber-physical systems. Experienced in developing financial dashboard projects and AI-based biometric authentication systems. Equipped with strong analytical thinking skills and proficiency in languages such as Python, Java, and JavaScript, I am eager to take an active role in technology-driven projects and gain professional experience.

EXPERIENCE

IT Technician Intern

Piraye Bilisim

June 2020 - August 2020, BURSA

- Assisted in daily IT operations by diagnosing technical issues, providing user support, and performing routine system maintenance.

PROJECT

FinSight

Personal Project • finsight.tunahangul.com • February 2026 - Present

- Developed a comprehensive financial analysis terminal using **Node.js** to aggregate real-time currency rates, deposit interest rates, and loan comparisons from major banks via REST APIs.
- Designed and implemented a high-performance, responsive UI utilizing **React** and **Tailwind CSS**, with a strong focus on seamless data visualization.

Biometric Identification with Liveness Detection (Graduation Project)

Eastern Mediterranean University • October 2025 - Present

- Graduation capstone project implementing a secure web application interface for detection and recognition.
- Integrates advanced liveness detection methods to identify and counter biometric spoofing attacks using a standard camera.
- Developed a secure web application interface for real-time face detection and recognition using **Python**.
- Integrated advanced liveness detection algorithms via **OpenCV** and **Mediapipe** to successfully identify and counter biometric spoofing attacks using standard hardware.

EDUCATION

Bachelor's Degree in Computer Engineering

Eastern Mediterranean University • Gazimagusa, KKTC

- Relevant Coursework:** Software Engineering, Advanced Data Structures, System Architecture, Artificial Intelligence.

Associate Degree in Computer Programming

Sakarya University of Applied Sciences • Sakarya, Turkey • 2021

- Built foundational knowledge in software development, database management, and basic algorithms.

CERTIFICATIONS

Foundations of Cybersecurity

Google • 2025

- Acquired foundational knowledge in core cybersecurity concepts, threat landscapes, and modern security protocols.

The Arduino Platform and C Programming

University of California, Irvine • 2023

- Gained practical experience in embedded systems, focusing on hardware-software integration and electronic circuit design.

SKILLS

Languages: English (Fluent), Turkish (Native)

Web Technologies: React, Node.js, Tailwind CSS, REST API

Tools & Libraries: Git, OpenCV, Mediapipe, Vercel, Render

Core Competencies: Cybersecurity, Data Analysis, System Architecture, Computer Vision

Libraries & Frameworks: OpenCV, Mediapipe, REST API

Hardware & Systems: Arduino, Embedded Systems

Programming Languages: Python, C++, C, Java, JavaScript, HTML, SQL, Haskell
