

Ömer Turab Memiş

+90 544 975 59 06 | turab.memis@ug.bilkent.edu.tr | linkedin.com/in/omerturabmemis |
github.com/ttturab | ttturab.github.io

EDUCATION

Bilkent University

B.S. in Computer Science (GPA: 2.99/4.00)

Ankara, Turkey

Sep. 2023 – Present

Mezaim Kiraz High School

High School Diploma (Score: 99.68/100, Ranked 2nd)

Ankara, Turkey

Sep. 2019 – June 2023

PROJECTS

MyFarmTSM - Smart Livestock Management | *Android SDK, Java, Firebase*

2025

- Developed a comprehensive mobile application to digitize livestock farm operations, replacing manual record-keeping with a real-time tracking system for health and inventory.
- Designed a dynamic "Barn Paddock" layout system allowing custom configuration of farm structures and efficient animal location tracking.
- Engineered a financial module to automate the calculation of bank debts, expenses, and feed inventory, significantly reducing operational errors.
- Implemented a smart medical dashboard to monitor vaccination schedules and treatment history for individual animals.

FootBil - Football Reservation System | *Java, Swing GUI, OOP Principles*

2024

- Built a desktop reservation system enabling university students to book indoor football pitches and organize matches seamlessly.
- Designed an intuitive GUI with real-time feedback for slot availability and reservation status.
- Implemented a robust "AppController" logic to manage user sessions, navigation states, and data persistence.
- Integrated social features allowing users to add friends and coordinate match attendance within the platform.

TECHNICAL SKILLS

Languages: Java, C++, MySQL, SystemVerilog, Python

Developer Tools: Git, GitHub, VS Code, IntelliJ IDEA, Android Studio, Vivado, CLion

Libraries & Frameworks: Android SDK, Java Swing, JUnit

Spoken Languages: Turkish (Native), English (Professional Working Proficiency)

COURSEWORK

Computer Science: Algorithms & Programming I-II, Fundamental Structures of CS I-II, Digital Design

Mathematics: Calculus I-II, Discrete Mathematics, Linear Algebra

Science: General Physics I-II

HONORS & AWARDS

Bilkent University Honor Certificate | *Awarded for high academic performance*

2023, 2024