

# Ömer Turab Memiş

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[github.com/ttturab](https://github.com/ttturab) | [ttturab.github.io](https://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