

Ömer Turab Memiş

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EDUCATION

Bilkent University

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

Ankara, Turkey

2023 – 2027 (Expected)

Mezaim Kiraz High School

Diploma Score: 99.68 (Third Place)

Ankara, Turkey

2019 – 2023

PROJECTS

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

2025

- Developed a comprehensive digital solution to optimize my father's livestock farm operations, replacing manual paperwork with a robust real-time tracking system.
- Designed and implemented a dynamic infrastructure that allows my father to manage specific barn/paddock layouts and monitor animal health through a smart medical dashboard.
- Engineered a financial module to automate the tracking of bank debts and feed inventory, significantly reducing operational errors and financial overhead.
- Created a high-performance logic to track animal growth data without excessive database writes, ensuring a smooth and cost-effective user experience for daily farm tasks.

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

2024

- Developed a reservation system for Bilkent students to book indoor football pitches and attend matches.
- Implemented an AppController logic to handle user sessions and dynamic GUI loading.
- Engineered features for adding friends and real-time communication within the platform.

TECHNICAL SKILLS

Programming Languages: Java, C++, MySQL, System Verilog

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

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

RELEVANT COURSES

Computer Science: Algorithms and Programming I-II, Fundamental Structures I-II, Digital Design

Engineering & Math: Calculus I-II, Discrete Mathematics, General Physics I-II

General: English and Composition I-II, History of Turkey, Cultures Civilizations and Ideas I-II

ACHIEVEMENTS & CERTIFICATIONS

Bilkent University Honor Certificate (2024)

Bilkent University Honor Certificate (2023)