

Ömer Turab Memiş

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EDUCATION

Bilkent University <i>B.S. in Computer Science (GPA: 2.99/4.00)</i>	Ankara, Turkey <i>2023 – 2027 (Expected)</i>
Mezaim Kiraz High School <i>Diploma Score: 99.68 (Third Place)</i>	Ankara, Turkey <i>2019 – 2023</i>

PROJECTS

MyFarmTSM - Smart Livestock Management <i>Android SDK, Java, Firebase</i>	2025
<ul style="list-style-type: none">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 <i>Java, GUI, OOP</i>	2024
<ul style="list-style-type: none">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)