Ömer Turab Memiş

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EDUCATION

Bilkent University   Ankara, Turkey
B.S. in Computer Science (GPA: 2.99/4.00)   *Sep. 2023 – Dec. 2027 (Exp.)*
- Ranked **3,645th** among 2,995,638 candidates in the 2023 National University Entrance Exam (YKS) in the Numeric category.

Mezaim Kiraz High School   Ankara, Turkey
High School Diploma (Score: 99.68/100, Ranked 2nd)   *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.
- Currently deployed and actively used at the family-owned livestock farm in Gölbaşı, Ankara, for real-time operational tracking and management.

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

EXPERIENCE & LIFE EXPERIENCE

Summer Work & Travel USA   North Carolina, USA
Crew Member / Food Service Associate   *June 2025 – Sep. 2025*
- Participated in an international cultural exchange program, working at Calabash Bagel Dock Restaurant and Calabash Sweets Ice Cream Store.
- Enhanced English language proficiency and cross-cultural communication through high-volume daily interaction with international customers.
- Developed significant adaptability and problem-solving skills by successfully integrating into a fast-paced work environment in a foreign country.