

TUNAHAN EKEMEN

ekementunahan@gmail.com
tunahan.ekemen@metu.edu.tr
users.metu.edu.tr/e273234
github.com/Tunahanekemen

Computer Engineer

EDUCATION

METU (Middle East Technical University) | Computer Engineering

GPA: 3.71/ 4.00

2024 – Present (Expected Graduation: 2028)

PROJECTS

Movie Discovery Platform | Team Project

- **Full-Stack Integration:** Co-developed an interactive movie discovery platform using Flutter and Supabase, integrating the TMDB API to fetch and display comprehensive data on trending films, actors, and industry insights.
- **AI-Driven Features:** Engineered a personalized AI chatbot and a mood-based recommendation engine, utilizing AI-assisted development tools to optimize core logic and deliver tailored user experiences.
- **Interactive UI/UX & Collaboration:** Implemented engaging front-end components including mini-games, short-form video content, and dynamic actor profiles, while actively managing collaborative workflow and version control via GitHub.

Probability-Based Game Simulation | Web

- Developed a probability-based game engine using Python logic and successfully migrated it to a web interface using HTML/JS through AI-assisted refactoring.
- Optimized the user interface for browser compatibility, ensuring a responsive and interactive experience.

GM-Archive | Mobile App

- **AI-Integrated Development:** Architected and developed a mobile application using Flutter and Firebase, utilizing AI tools to optimize code structure, accelerate development cycles, and implement robust system logic.
- **Cross-Platform Archiving:** Engineered features to centralize and archive informative content from platforms like YouTube, Instagram, and X, ensuring seamless data synchronization and a highly responsive user interface.
- **Compliance-Focused Deployment:** Maintained the project as a private GitHub repository to ensure full alignment with digital content rights, data privacy, and platform-specific legal standards.

Additional projects are available on my Github.

EXPERIENCE

METU NCC Energy Society | Vice President & Web Developer

- Co-directed society operations, secured event sponsorships, and led a team for project execution.
- Developed and currently maintain the official website(energysociety.ncc.metu.edu.tr), while driving digital engagement via social media.

METU NCC Society of Mechanical Engineering (SME) | Social Media Manager

- Managed digital platforms and crafted promotional content to boost event participation and outreach.

Detailed breakdown of achievements and portfolio highlights are available on my personal web page.

SKILLS

- **Languages:** C, Python, HTML, JavaScript, Dart
- **Spoken Languages:** English (C1), Turkish (Native)
- **Tech & Cloud:** Flutter, Supabase, Firebase, Git, GitHub
- **Design Tools:** Photoshop, Premiere Pro, Canva