

MAHMUT SAFA ALICI

Computer Engineer



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Software Development, Game Development, Mobile Application Development, AI Integration, Web Development, User Interface Design, Data Visualization, Multilingual Applications, Full-Stack Development, Machine Learning

WORK EXPERIENCE

Ingreats

March 2024 - Present

Supported by

KWORKS

Co-Founder- Software Developer

- Co-Founder of Ingreats, leading a startup creating a multilingual culinary app with an AI chatbox for calorie feedback and recipes.
- Implemented image recognition and machine learning for accurate analysis in multiple languages.
- Prioritizing user-friendly interface and system performance for global users. Manages a team through project phases to meet milestones.

ERC Research

February 2024- April 2024

Web Application Developer

- Created a versatile web app for managing document-based data for individuals and enterprises.
- Included features for data extraction from PDFs, PDF creation from Excel, advanced search using fuzzy algorithms, and a custom search based on binary principles.
- Employed modern web practices for a user-friendly interface and efficient backend integration.

GetdeHealth

August 2023 -

November 2023

Software Developer Intern

- Designed and implemented complex user interface components for the "Sperm Count Analysis" application, enhancing user interaction and functionality.
- Developed features for real-time data visualization, enabling users to view detailed data charts related to their health metrics within the app.
- Collaborated on full-stack development tasks, contributing to both the front-end and back-end of the application, ensuring a cohesive and scalable architecture.
- Worked in a dynamic team environment, contributing to the application's release on the App Store, where it serves as a tool for health analysis and user engagement.

Digital Factory 34
April 2023 - June 2023

Intern Game Developer

- Joined Digital Factory 34 as an Intern Game Developer, contributing to the development of key gameplay mechanics for a dynamic running game.
- Programmed advanced character movements including sliding, double jumps, and other interactive features, enhancing player experience and game complexity.
- Developed and integrated an automated system for adding obstacles to the game environment, improving gameplay variability and challenge.
- Collaborated with a team of developers and designers to refine game design and ensure seamless gameplay mechanics.

Koç University,
Psychology
Department
February 2023 - March
2023

Mobile Game Developer

- Designed and developed "Running Cat Game," a mobile application created as part of a research project in the Psychology Department.
- Utilized game development and programming skills to build an engaging and interactive game environment to support psychological research.
- Managed all aspects of the development process from concept to deployment, showcasing strong problem-solving and project management abilities.
- Published the game source code on GitHub, providing a resource for academic review and collaborative development.

Jingle Jam Game Jam
December 2022

Game Developer (Jam)

- Collaborated in a 48-hour game development challenge, Jingle Jam, with a team member to design and develop a game using WebGL technology.
- Successfully created "Save the Christmas," a game focused on quick development cycles and innovative gameplay, demonstrating the ability to deliver under tight deadlines.
- The game showcases real-time interactive elements and is accessible for play online, highlighting proficiency in modern web-based game development platforms.
- Available for public play and review at [Save the Christmas](#).

EDUCATION

Koç Universtiry
2020-2024

Computer engineering

SKILL

Personal

Problem Solving
Time Management
Project Management
Critical Thinking
Communication Skills
Team Collaboration
Innovative Thinking

Professional

Game Design and Development
AI and Machine Learning
Full-Stack Web Development
Mobile Development
Software Engineering
Node.js
TensorFlow

REFERENCES

CSO in GetdeHealth

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Digital Factory 34

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Director At Cat
Running Game (For
Koç University)

Mert Gümren

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