

CV - ALPEREN GÖNÜL

Personal Information

Name / Surname Alperen Gönül
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Date of Birth 16.08.2000



Experience

ERG Controls
12. 2024 - 02.2025

Full Stack Developer (Intern)
Backend Developer

- Implemented RabbitMQ message broker for reliable data queuing and processing.
- Integrated MQTT protocol for lightweight, efficient IoT device messaging.
- Designed and built IoT device management platform handling real-time communication with distributed devices.

Frontend Developer

- Developed a sophisticated React-based simulator application using modern technologies for visualizing and planning service facility layouts.
- Implemented an intuitive drag-and-drop interface using React DND (react-dnd) allowing users to place and manipulate various components like hospital rooms, food stations, and health equipment.
- Built interactive 3D visualization capabilities using Three.js to render and manipulate components in a spatial environment .

Finartz
07.2024 - 08.2024

IOS Developer (Trainee)

- Completed a comprehensive bootcamp focused on IOS development using Swift UIKit.
- Gained hands-on experience in building and deploying IOS applications.

Wirecash
09.2022 - 11.2022

Frontend Developer

- Contributed to the development of the frontend using Vuejs.
- Collaborated with a team of developer to enhance the user interface and experience of financial technology applications.

Skills

Languages	HTML, CSS, JavaScript, TypeScript
Frontend	Vuejs, Nuxt, React Native, Threejs, Tailwind, Bootstrap
Backend	MongoDB, Nodejs
MQTT	rabbitMQ

Projects

09.2023-06.2024

Graduation Thesis

- Integrated MCTS and a convolutional CNN to enable the AI to learn game strategies and make advanced decisions through self-play.
- Developed an AI system for playing Turkish Dama using deep reinforcement learning, specifically utilizing the AlphaZero algorithm.

Education

09.2018 - 02.2025

Marmara University - Bachelor of Science in Computer Science
