Fahrettin Çetin
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ABOUT ME

As a fourth-year Computer Engineering student, I am deeply engaged in exploring various technology domains to find my ideal niche. My education has provided a strong foundation in software development, system analysis, and innovative problem-solving. I've participated in multiple projects involving machine learning, web development, image processing and embedded systems, demonstrating my adaptability and commitment to using technology effectively. I am eager to apply my skills in a dynamic professional setting, continually learning and growing within the field.

EXPERIENCE

Ziraat Teknoloji
Jul-Aug 2023

Developed a comprehensive full-stack website using Next.js, incorporating advanced features such as Google authentication and robust database functionalities for user registration and login.

EDUCATİON

Abdullah Gül University
Architecture
2017-2020

Izmir Institute of Technology
Computer Engineering
2020-2024

EXTRACURRİCULAR ACTİVİTİES

Board Member
CampAgu

Board Member
Innovation and Entrepreneurship Club

Sponsorship Coordinator
ClubFest Agu '19

PROJECTS

iytEvent

iytEvent is a dynamic project designed for IZTECH students to easily discover and engage with nearby activities. In this project, I played a key role in the frontend development using React Native, paired with Spring Boot for the backend infrastructure.

iytern

iytern is a web application tailored for IZTECH students to find and apply for internships, while also providing a platform for companies to easily connect with potential student interns. My contribution to this project focused on the frontend development using React, with Spring Boot powering the backend.

Digitizing Textile Testing Processes in Washing Machines

Led a desktop application project focused on revolutionizing textile testing processes in washing machines through state-of-the-art machine learning algorithms and image processing. This initiative involved developing a comprehensive system for defect analysis, performance optimization, and quality assurance in collaboration with Arçelik. Also integrated Raspberry Pi devices to capture images, enhancing the capability to detect and analyze textile defects effectively.

Telepathy

The 'Telepathy' project combines neuroscience and engineering, using Electromyography (EMG) and an Arduino microcontroller to capture and transmit nerve signals between individuals. This educational venture allows one person to control another's arm movements, simplifying complex neural processes and enhancing learning outside traditional settings.

TECHNOLOGY STACK

Programming Languages: **Python** , **Javascript** , **Swift** , HTML/CSS , Java

Frameworks: **React** , React-Native , **Electron** , Node.Js , Spring Boot