Doğukan Parlak • Junior Computer Engineer

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Objective

Proactive and analytical Computer Engineering student aiming to bridge theoretical knowledge with real-world applications through an internship. Seeking a challenging role to enhance technical skills, leverage problem-solving abilities, and make tangible contributions to organizational goals while gaining practical industry experience

Project

-Weather Station – Team Leader
Led a 7-person team in developing an environmental data monitoring system based on Raspberry Pi. The system provides real-time data on temperature, humidity, pressure, wind speed, and rainfall via a web interface built with the Flask framework. I was responsible for sensor integration, I2C/GPIO communication, and configuring hardware-software components using Python.

-Open-Source User Script Development for Social Media
Developed an open-source user script for enhancing the social media experience on X (formerly Twitter) by filtering content based on specific keywords. Built in JavaScript, this script works on Tampermonkey/Violentmonkey and includes user-friendly features such as settings panels, custom themes, and keyboard shortcuts.

-Trendyol Product Notification Program
I developed an automation tool using Python to monitor the stock status of products on Trendyol at regular intervals and send email notifications when the stock status changes. The program utilizes requests and BeautifulSoup libraries for web scraping to fetch product details, and smtplib to send email notifications. This solution helps users easily track the products they are interested in.

Nerdle Clone – Web-Based Game Development with React
I developed a clone of the popular "Nerdle" game using React. In the game, users are tasked with guessing the correct mathematical expression within a limited number of attempts. The project utilizes component-based architecture, state management (useState, useEffect), and input validation mechanisms. The application was designed to be responsive, working seamlessly in a browser, and was developed for educational purposes.

You can reach my other projects from my GitHub account: github.com/dogukannparlak

Skills

Programming Languages: Python, Java, JavaScript, PHP, C,
Backend Frameworks & Runtimes: ASP.NET Core
Frontend Frameworks & Runtimes: React, Bootstrap
Databases: MSSQL, MySQL
Other: HTML, CSS, Docker ,Raspberry Pi,Ardunio,

Interests

- Artificial Intelligence - Cybersecurity - Object-Oriented Programming (OOP) - AI Security

Education

Aydın Adnan Menderes Üniversitesi – Bilgisayar Mühendisliği (İngilizce) (2.Sınıf)