ABOUT ME

I have been doing theater actively for 4 years. I have been on stage many times and my communication with people is strong because of this. I easily adapt to the environment I'm in. I am confident enough to be a leader in a group.

LANGUAGES

TURKISH

ENGLISH

SKILLS

PYTHON

JAVA

ANGULAR

SELENIUM

C#

TCP/IP

LINKS

GitHUB:
https://github.com/ergulferik

ERGÜL FERIK

COMPUTER ENGINEER

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WORK EXPERIENCE

PORTFOLIO WEBSITE

The website you are currently browsing and its content have been designed for the purpose of learning the "MEAN" stack architecture. The front-end utilizes "Angular," while the back-end is implemented with Node.js using the "Express" module, and "MongoDB" has been chosen as the database. This website, which does not require an intensive back-end workload, includes an admin panel for adding, editing, or deleting information for all cards under the "Apps" section. Within a few seconds, a new card can be added and its interactions with other cards can be configured through this panel.

APARTMENT MANAGEMENT SYSTEM

The Apartment Communication System is designed for an 8-person apartment, utilizing TCP/IP protocols and C# Windows Forms. Each family has a unique "ID" card granting access to the system from multiple devices. Families can exchange real-time messages and access weather and dollar exchange rate information. The project aims to understand TCP/IP sockets and demonstrate "Process Communication." It consists of a server and scalable client system, maintaining client information. The system operates asynchronously with messages having invisible prefixes for routing. Users can continue with other tasks after sending messages. Weather and exchange rate data are included to showcase asynchronous operations using threads. The server broadcasts this data to all connected clients during active sessions or upon initial connection, rendering specific time intervals unnecessary.

IP & PORT SCANNER

An "ICMP Ping Scanner" was initially developed, written in Python, to scan IP addresses within user-defined IP ranges. This process aims to discover and identify available IP addresses, which are subsequently saved for future use. Subsequently, the identified IP addresses are fed into another scanner, also implemented in Python. This scanner focuses on determining the open ports utilized by the respective IP addresses and returns the results to the user. Finally, the user gains visibility into all the discovered IP addresses along with their associated open ports.

SOCIAL MEDIA AUTOMATION

A social media automation system was developed using the Selenium library in Python. The system is capable of creating social media accounts through Selenium. It automates the process of filling in appropriate profile information for these accounts, including profile pictures, biographies, and privacy settings. Among the created accounts, one particular account is selected by the user to perform specific actions, such as following other users, liking photos, and making comments. These actions are executed by the other created accounts on behalf of the selected account.

WEBSITE

TRANSLATOR

Firstly, the designated website undergoes a scanning process. During this scan, only the first level of the website is crawled to discover all href links embedded within (if desired, this depth can be extended to the final level). These links are then saved for later use. A previously saved list of links is obtained. The acquired links are individually visited, and with the assistance of "Google Website Translate," they are automatically translated into the desired language. Finally, the translated pages are saved along with appropriate page names.

EDUCATION

MANISA CELAL BAYAR UNIVERSITY
2023

In 2019, I entered Manisa Celal Bayar University with a score of 407.698 in the Student Selection and Placement Exam (OSYM). Although three semesters of my education were conducted remotely due to the pandemic. I tried to spend the rest of my time working for my department. After graduating from the English preparatory program at the university with a score of 90/100. I took all of my courses in English as the language of instruction in my department.