Khoi Minh Tran

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SKILLS

Languages: Python, C, C++, Java, HTML5, JavaScript, PHP, Kotlin

Frameworks and Tools: React, NextJS, ExpressJS, MySQL, Git, NodeJS, Linux(Bash), Emacs, REST APIs, MongoDB, Dotenv vault, Pandas, Google Cloud Platform, Figma, socketIO

EXPERIENCE

Software Developer Intern | FPT Online - VNExpress   *Ho Chi Minh City, Vietnam*
June 2023 - August 2023
- Designed a Python software utilizing ChatGPT and Google Cloud API to summarize and archive articles from VNExpress, a Vietnamese online newspaper company run by FPT Group, under paragraphs and bullet-point formats.
- Implemented Python BeautifulSoup and Selenium to perform web scraping operations, automatically extracting valuable data from VNExpress articles and collecting real-time weather data from weather forecast websites.
- Researched and developed a ChatGPT-powered Python program to generate Vietnamese and English weather reports from data fetched from the company's own weather forecast website and other publicly available weather forecast websites.

PROJECTS

TCP Chatroom (Python)   2022
- Developed a backend server for hosts and clients to connect to a single session and synchronize all user messages constantly in real time.
- Calibrated, recorded, and improved time efficiency for instant and seamless communication between users.

Car Dealership Inventory Subsystem (ReactJS)   2023
- Tasked with the UI creation and design of register and login pages for clients and car dealership representatives written in React.
- Synchronized and assured connection between React front-end program, ExpressJS back-end server, and MySQL database for the assigned pages.
- Implemented a simple search bar that sorted out car categories, brands, and made models.

To-Do List Mobile Application (Kotlin)   2023
- Developed an easy-to-use search and sort functionalities along with their user interfaces, enhancing user experience by enabling efficient navigation and quick task retrieval.
- Ensured product quality by conducting multiple testing and validation, contributing to a seamless and reliable mobile application.

Better Attendance (NextJS)   2023 - Present (In Progress)
- Developed an ExpressJS backend program that automatically generates simple questions, such as matching numbers, and sends the questions to the client side of the web app to verify attending students.
- Implemented several routing methods for attendance session access and URL validation.
- Optimizing and simplifying the session system with socketIO and adjusting object oriented structure for space efficiency.

EDUCATION

California State Polytechnic   *Pomona, CA*
- *Bachelor of Science, Computer Science*   August 2022 - Expected Dec 2024
- Cumulative GPA: 3.86