Khoi Minh Tran

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SKILLS

Languages: Python, C, C++, Java, HTML5, JavaScript, PHP, CSS, TailwindCSS, NextUI

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

EXPERIENCE

Software Developer Intern | FPT Online - VNExpress   *Ho Chi Minh City, Vietnam*

June 2023 - August 2023

- 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.
- Designed Python softwares 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.
- 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

Better Attendance (NextJS)   2023

- Worked with colleagues to develop a backend program that automatically generates simple short-timed questions, such as number matching, True-False questions, and image matching, aiming to achieve an impossible-to-cheat attendance system
- Optimizing and simplifying the session system with socketIO and adjusting object-oriented structure for space efficiency.
- Collaboratively designed and built clean and user-friendly UIs for the entire project.

Virtual Birthday Celebration(NextJS)   2024

- Developed an open-source simple web application that simulates a real-life birthday celebration. The application has a virtual cake and candles that can be blown using the user's voice. The users can enter the birthday person's name, age, and celebrator's regard to display this information on the website.
- Implemented multiple CSS frameworks and tools, such as SASS, TailwindCSS, and Framer Motion, to render the cake and candle images and animation.

FinanceTracker (ReactJS)   2024

- Collaborated and developed the front end of the summary page using TailwindCSS, which is dynamically rendered based on the user's screen size and current activity.
- Implemented the filter and sort functionalities for the expense/income breakdown component.
- Brainstormed and developed the summary page's multi-component structure, further promoting object encapsulation.

EDUCATION

California State Polytechnic   *Pomona, CA*

- *Bachelor of Science, Computer Science*   August 2022 - Expected Dec 2024
- Master of Science, Computer Science   January 2025 - Expected Dec 2026
- Cumulative GPA: 3.86