Timothy Wesley

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About Me

My first programming course was in spring 2021. I enjoyed it so much in fact that it was the first time I read the textbook for a class. However, I made to rookie mistake of thinking i was not smart enough to go further. 3 years and a completed bachelors later, I was no longer sure of the degree I studied for. In an attempt to find something, I enrolled in a python class at the local college and took off running. Soon after, enrolling in a masters degree. However, most of my learning is done in my free time, and I am consistently improving. I spend everyday learning, following a personal road map that outlines backend with AI development as the main focus.

Technical Skills

Languages: Python, Java, Javascript, HTML5, CSS

Developer Tools: Visual Studio Code, Git, GitHub, Docker

Libraries/Frameworks: FastAPI, Express.js, MongoDB, LangGraph, LangChain

Relevant Course Work: Data Structures and Algorithms, Advanced Probability and Statistics with Python

Projects

The Batman *Download Game | Source Code*   **Swing**

- Developed a **2D Action Game** where players control Batman with the objective of surviving and reaching the highest wave of enemies. Each wave intensifies, and players advance by defeating all enemies in the current wave.

Pizza Time! *Download Extension | Source Code*   **Express.js, MongoDB**

- A **Chrome Extension** where ordering a pizza is made easy. When creating an account, the address and payment info is stored and encrypted. When the user presses the order button, the user's info is gathered with the user's token and used for the order. After the order, a new token is given to the user with a 60 minutes cool down.

Spideypedia *Application | Source Code*   **React, Express.js, MongoDB, LangChain, LangGraph**

- A **Web Application** to keep track of a comic collection. Utilizes an AI workflow for manually adding and removing comics, and AI Agent for unique customization via chat.

Education

Indian River State College   **August 2018 – April 2023**

Bachelor's of Science, Criminal Justice   *500 NW California Blvd, Port St. Lucie, FL 34986*

Grand Canyon University   **March 2024 – Present**

Master of Science, Software Engineering   *Online*

Work Experience

Walgreens   **October 2020 – Present**

Sales Associate   *4950 S US Hwy 1, Fort Pierce, FL 34982*

- Provided **personalized customer service**, assisting with product selection, answering inquiries, and resolving concerns to ensure a positive shopping experience
- Stocked shelves, organized displays, and monitored inventory levels to keep the store fully stocked and visually appealing