# Timothy Wesley

📞 (772) 621-0972 ✉ timothy.wesley99@yahoo.com 🪪 https://timwes21dev.com/ ⭘ github.com/Timwes21

## About Me

A self-taught full-stack + AI developer currently pursuing a Master's in Software Engineering. I'm originally from a non-technical background, I found my interest in programming after taking a Python course—and quickly began building AI-powered, full-stack applications across web and mobile platforms.

## Technical Skills

**Languages:** Python, Java, Javascript, HTML5, CSS

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

**Tools and DevOps:** Visual Studio Code, Git, GitHub, GitHub Actions (CI/CD), Docker

**Testing:** Pytest, Jest

## Projects

**The Batman** *Download Game | Source Code* — **Desktop App**

- Entirely in Java using Swing for the GUI and graphics engine
- Includes a custom enemy AI, wave generation logic, and increasing difficulty over time
- Developed scoring, collision detection, player state management, and sprite animation
- Packaged the game for download and distribution as a standalone desktop app

**Pizza Time!** *Download Extension | Source Code* — **Chrome Exension**

- Designed and implemented a Chrome extension using JavaScript and **Express.js**
- Created a custom token-based authentication system using encryption and cooldown logic
- Stored user addresses and card info securely in **MongoDB** with crypto-based token renewal every 60 minutes
- Backend deployed with **Docker** and **Docker Hub**

**Spideypedia** *Application | Source Code(Web) | Source Code(Mobile)* — **Web App, Mobile App**

- Developed a **React** web app and **React Native** mobile app for managing and viewing comic collections
- Created a Python-based LLM agent with **LangChain**, **LangGraph**, and **FastAPI**, enabling natural language interactions
- Integrated **MongoDB** for comic storage and **Redis** for AI memory/context handling
- Deployed via **CI/CD** pipelines using **GitHub Actions** across backend, and mobile components

## 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