

Xavier Jackson | Software Engineering Grad | Java • React • AI Testing • Full-Stack Projects | xman5291@gmail.com | [Website](#) | [GitHub](#)

- CS Graduate with experience in full-stack development, LLM-based software testing, and AI-integrated applications
- Led and contributed to 3+ real-world apps using Java, React, Firebase, and mutation testing
- Built AI vs Human testing benchmark using GPT and PIT — strong in backend + automation workflows

EDUCATION

Towson University, Towson, MD

August 2021 - TBD

Bachelor of Science, Computer Science Software Engineering Track

GPA 3.1

Relevant Coursework: Software Engineering, Operating Systems, IT & IS Fundamentals, Mobile App Development, Computer Organization, Web-Based Development, Software Assurance Testing, Requirements Analysis & Modeling, Database Management Systems, Program Design & Implementation

WORK/EXPERIENCE

PM Accelerator, Remote

September 2024 - December 2024

Software Engineer Intern

- Collaborated with product managers to design and develop AI-driven applications called Co-Habit.
- Developed and implemented the frontend using React, ensuring a modern, responsive, and user-friendly interface.
- Implemented a questionnaire-based matching system, where users input lifestyle preferences to find compatible roommates.
- Collaborated with backend developers to integrate the AI-powered matching algorithm, ensuring real-time updates and accurate recommendations.
- Worked on Figma mockups and sketchings of the app as well as the backend

UPS, Hyattsville, MD

December 2023- August 2024

Warehouse Associate

- Taking packages off the conveyor belt and store it into their respective trucks

IKEA, College Park, MD

December 2022 - November 2023

Retail Sales Associate

SYEP Youth Program, Largo, MD

May 2020 - August 2020

- Organized over 200 files of students records and new students transferring into the school in file cabinets and updated them into the computer

PROJECTS

PROJECT NAME: AI BASED RECIPE RECOMMENDATION SYSTEM [Project](#)

- Allow users to implement ingredients they have in their household to generate a best recommended dish
- Uses JavaScript with React framework, Java for backend, HTML, CSS, MySQL, and Node.js
- Utilizes ChatGPT's Open API to give human-like responses of recipes to the user

PROJECT NAME: Auto Dealership and Service Database Manager [Project](#)

- Designed a car dealership management system for tracking customers, vehicles, employees, and service history
- Created relational database schemas and implemented full CRUD operations with secure input handling
- Integrated dropdowns for user-friendly selection of vehicles and customers for scheduling services

PROJECT NAME: TigerConnect [Project](#)

- Develop a Social media platform that is similar to twitter for Towson University (TU)
- Increase social engagement on campus, collaboration of students, and allow users to advertise/orchestrate events easier

- AI chatbot for support, JavaScript, MongoDB, AWS, and HTML & CSS

PROJECT NAME: PlatePlanner

- Developed a meal planning application that allows users to create and organize meal plans efficiently
- Implemented user authentication and profile management, allowing users to save meals on FireBase
- Added a calendar implementation to allow to save them to the calendar

SKILLS

Technical /Computer Skills: Gitbash, GitHub, Linux, Bitbucket, VS Code, Android Studio, Node.js

Languages: Java, JavaScript, Python, HTML5, CSS, Kotlin, C++/C

Frameworks: React, Express, SpringBoot

Databases: MySQL, MongoDB, FireBase