

James Walker Mardi

Entry-Level Software Engineer

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Newark, NJ 07106

As a Computer Science student, I aim to secure a software engineering role by leveraging my experience in projects like a portfolio website, a weather app, and a subscription tracker. I focus on expanding my Laravel, React, SQL, and Java skills while continuously building scalable, real-world applications. By refining my technical expertise and problem-solving abilities, I ensure that my work aligns with industry demands and demonstrates my readiness for a professional role.

EDUCATION

Kean University, B.S., Computer Science, and
Information Systems
GPA: 3.5
Expected Graduation

Union, NJ
December 2025

EXPERIENCE

ShopRite - Clerk

Springfield, NJ

August 2020 - January 2025

- Assisted customers with product inquiries, enhancing customer service and communication skills.
- Collaborated with team members to maintain efficiency and organization in a fast-paced environment.
- Developed time management and problem-solving abilities, balancing multiple tasks effectively.

Kean University - Computer Room Helper

September 2024, current

- Assisted students and faculty with troubleshooting computer issues, ensuring efficient lab operations.
- Maintained and managed computer systems, printers, and software installations to optimize performance.
- Provided technical support, resolved hardware and software problems, and enhanced the user experience.

Union, NJ

SKILLS

Programming Languages: JavaScript (React, Node.js), PHP (Laravel), Python, Java, SQL, Flutter and Android Studio.

Frontend Development: React, HTML, CSS.

Backend Development: PHP (Laravel), Node.js, REST APIs, SQL.

Tools & Platforms: Git, GitHub, AWS (for future deployment), Hostinger, SQL Workbench

PROJECTS

Weather App (React, Vite, API Integration): Developed a fast and responsive weather app using React and Vite, integrating a third-party API to fetch real-time weather data.

Calculator App (Android Studio, Java/Kotlin): Built an interactive and user-friendly calculator for kids using Android Studio, implementing intuitive UI and logic for arithmetic operations.

Social Media App (In Progress) (PHP, Laravel, SQL, React): Designing a full-stack social media platform with PHP (Laravel) and React, focusing on user authentication, post management, and scalability.

Pong Game (Java, OOP, Game Development): Created a classic Pong game in Java, implementing object-oriented programming principles and collision detection for smooth gameplay.

Available on My GitHub; feel free to check it out. <https://github.com/Brago475>

RESEARCH

Navigating AI Security: Adversarial Testing of LLMs in Less Common Languages to Test and Analyze Vulnerabilities in ChatGPT and Gemini

Independent Research November 2024 - Present

- Conducted research on adversarial attacks against AI models, focusing on prompt engineering and security vulnerabilities.
- Designed and tested adversarial prompts to evaluate AI robustness, bias detection, and prompt injection attacks.
- Explored bypass methods and jailbreak techniques for LLMs like ChatGPT and Gemini.
- Analyzed AI security concerns, including ethical considerations and mitigation strategies.