

Kelvin Ihezue

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EDUCATION

Rutgers University

Bachelor of Science in Computer Science, Minor in Economics — GPA: 3.5

New Brunswick, NJ

Graduating May. 2025

TECHNICAL SKILLS

Languages: Python, Swift, SQL, HTML5, CSS3, JavaScript, C/C++, R.

Frameworks/Tools: React, Next.js, React.js, SwiftUI, MaterialUI, Tableau, Power BI, Linux, PowerApps, Excel

Cloud Services/Database: ServiceNow, Firebase, MySQL, Hadoop.

Dev. Tools: Git, Docker, Prompt Engineering, Agile, i18n, GDPR compliance, Pandas, Automated testing (Pytest).

WORK HISTORY

Johnson & Johnson Technology

Raritan, NJ

AI & ML Innovation Intern

March 2025 – Present

- Optimized Node.js backend APIs for precise ChatGPT model cost calculations, improving financial reporting by 30%
- Won 1st place for presentation on synthetic data generation techniques that boosted ML training efficiency by 40%
- Designed conversational AI by integrating Microsoft's LUIS with custom data categorization, increasing query understanding by 85%
- Applied TextRank and core NLP techniques to reduce document processing time by 65% while preserving content integrity

Site Reliability Engineer Intern

January 2025 – March 2025

- Automated incident tracking with ServiceNow for keyword-matching domains, delivering real-time alerts and streamlining workflows.
- Led 3-person team analyzing production and failure metrics that guided program priorities, increasing customer satisfaction by 86%
- Collaborated on cleaning 247+ rows of customer data, achieving 98% visualization accuracy and boosting company revenue by 5%

Headstarter AI

Startup

Software Engineering Intern

May 2024 – August 2024

- Led cross-functional team of 4 engineering fellows in developing 5+ innovative AI-driven solutions for real-world challenges
- Architected AI applications with Next.js, OpenAI, Pinecone vector database, and Stripe, achieving 98% prediction accuracy across 10,000+ user interactions

TECHNICAL PROJECTS

Pantry Tracker | [link](#)

JavaScript, React, Next.js, Firebase, MaterialUI.

- * Engineered a real-time pantry inventory management system using React and Next.js, enabling users to efficiently track, update, and manage household items.
- * Implemented Firebase Realtime Database for seamless data synchronization, allowing multiple users to access and modify the inventory simultaneously with zero latency.
- * Designed an intuitive user interface using Material-UI, incorporating responsive design principles to ensure cross-platform compatibility and enhancing user experience.

Weda iOS Mobile App | [link](#)

Swift, Flutter, Xcode, SwiftUI, Git

- * Developed an interactive weather app using Swift, enabling real-time global weather updates with 98% accuracy.
- * Designed and implemented a dynamic UI system, ensuring seamless transitions between day and night themes by automatically updating backgrounds based on the user's local time, enhancing visual appeal and user experience.

Certifications: Professional Scrum Master (PSM I), AWS Certified Cloud Practitioner.