

Wellington Paidamoyo Mapise

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EDUCATION

Cornell University, College of Engineering

Ithaca, NY

Bachelor of Science in Computer Science, Math

Expected Graduation May 2027

Relevant Coursework: Data Structures & Algorithms(Java), Introduction to Computing(Python), Discrete Math, Functional Programming(Ocaml), Calculus I & II, Multivariable Calculus, Linear Algebra, Differential Equations

Scholarships: Jacob's Engineering Scholar 2024-2025

SKILLS

- **Languages:** Java (proficient), Python (proficient), JavaScript (intermediate), Ocaml (proficient), CSS (proficient)
- **Frameworks / Technologies:** React Native, Next.js, Firebase, MongoDB, Git, Figma, Linux/Unix, Web Scraping

EXPERIENCE

Meta Platforms, Inc | Software Engineering Intern | Menlo Park, CA

June 2025-August 2025

- Mobile and web-based development internship using Java, C++, PHP, and team-based agile methodologies.

Google Software Engineering Program (G-SWEP) via Basta | Participant | Remote September 2024-January 2025

- Selected to pair program with a Google Software Engineer for 10 weeks to receive mentorship to prepare for technical and behavioral interviews.

Emzini WeCode | Teaching Assistant | Remote

May 2024-Present

- Guide 200 high school students in Python programming and core computing principles, including function design, advanced functions, control structures, recursion, and data structures.
- Enhanced performance by 15% through detailed feedback on assignments, labs, and projects for 200 students weekly.

Cornell University Biomedical Device Project | Software Developer | Ithaca, NY

February 2024-Present

- Lead a team of 40+ in the development of [INFLUX](#), an application addressing a 30% gap in long-term care for substance-use disorder patients, benefiting over 200 patients within the first 3 months of launch.
- Utilize Figma to create 10+ cutting-edge designs and React Native to build realistic simulations and prototypes.

The DAVE Project | Software Developer | Remote

August 2023-Present

- Program a WhatsApp chatbot using Python and Twilio API to assist 300+ students with university applications.
- Manage a MongoDB database and integrate external APIs for enhanced functionality, improving application process efficiency by 30%.

PROJECTS

Customer-support-AI [github](#) | Technologies: Next.js, Material-UI Language: JavaScript

August 2024-Present

- Integrate OpenAI's GPT models with Next.js and Material-UI to develop a real-time Support Assistant for Headstarter, efficiently managing 100+ diverse user queries daily related to technical interview preparation and platform issues.
- Enhance user experience by configuring a seamless development environment with Node.js and npm, enabling a 25% faster interaction between AI capabilities and a responsive web interface.

Inventory-tracker [github](#) [demo](#) | Technologies: Next.js, Material-UI, React Language: JavaScript August 2024-Present

- Implement a responsive Inventory Management App using Next.js, React, and Material-UI, leveraging Firebase Firestore for real-time tracking of 1,000+ items, enhancing inventory management efficiency by 40%.
- Optimize the development workflow by configuring Node.js and npm, reducing integration issues by 30% and accelerating front-end and back-end deployment by 25% for a scalable and intuitive application.

Virtual Reality(VR) Travel [github](#) [demo](#) | Technologies: Git | Language: Python, HTML, CSS

July 2024-Present

- Implement Python scripts to fetch YouTube video titles and links based on user-entered emotions, reducing search time by 50% and enhancing content relevance for users.
- Utilize selenium and requests modules to extract HTML content, increasing web scraping efficiency by 40%

LEADERSHIP

TeXPo STEAM ON Hackathon | Team Lead | Harare, Zimbabwe

August 2023

- Collaborated with 2 partners to program a smart power management and greenhouse system using Raspberry Pi Pico.
- Presented the project to a panel of 6 judges and secured 1st place out of 6 groups and 36 participants.