

Ian Maloba

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Location: Nairobi, Kenya.

EDUCATION

University of the People

Associates's Degree in Computer Science

Pasadena, California

2022 – 2024

- CGPA : 3.9 out of 4.0

EXPERIENCE

Software Engineer Intern

Yashio Kenya

May 2024 – Present

Remote (Part-Time)

- Collaborated with a team of developers to build modern and responsive full-stack web applications for learning programming.
- Utilized sci-kit learn in Python to simulate possible outcomes under different scenarios that the user chose.

Software Engineer Intern

JPMorgan Chase And Co.

Feb 2023 – April 2023

Remote

- Developed a correlation-based trading strategy chart using Chart.js for monitoring and identifying trade opportunities between two correlated stocks.
- Utilized JPMorgan Chase And Co. tools like Perspective Tool to enhance data visualization and manipulate data feeds within web applications.
- Gained practical problem-solving skills, collaborative experience, and expertise during internship, ready to contribute to future projects and advance career in the field.

Contract Software Developer

Blessing Private Primary School

Dec. 2022 – Mar. 2023

Embakasi, Nairobi, Kenya

- Built payment platform and resolved critical payment delay bugs by conducting thorough debugging and code fix.
- Enhanced reporting capabilities by implementing data visualization using Chart.js, contributing to improved insights.

PROJECTS

AI Finder | *Python, BeautifulSoup4, Django,*

Sept. 2023 – Present

- Developed a web scrapper using Python's BeautifulSoup4 Library to scrape information about 350+ AI tools and recommend best AI for specific tasks.
- Implemented features such as filter search functionality and bookmark.
- Utilized JavaScript for interactive elements and Git for version control.
- Created a user-friendly interface for seamless navigation and engagement.

Maxximal | *WebRTC, JavaScript, Python, Django, PostgreSQL, JavaScript, Git*

Aug. 2023 – Present

- Developed a real time multi-client video conferencing web app using WebRTC.
- Implemented advanced features such as screen sharing and real-time chat using WebRTC SDPs, JavaScript WebSockets and django-channels
- Leveraged Django for robust user authentication and PostgreSQL database management, ensuring a secure and reliable platform.
- Applied JavaScript for interactive elements.

SKILLS

Languages: Python, SQL , JavaScript , HTML/CSS, R

Frameworks: Django, Next.js, Bootstrap, WebRTC, Django REST, Tailwind, React

Developer Tools: VS Code, IntelliJ IDEA, Eclipse, PyCharm, Visual Studio, Git, Docker

Libraries: pandas, NumPy, Matplotlib

Personal Skills: Communication, Time Management, Adaptability, Creativity, Teamwork, Leadership