

# Ian Maloba

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## EDUCATION

### University of the People

*Bachelor's Degree in Computer Science*

Current GPA: 3.88 out of 4.00

Pasadena, California

*Aug. 2022 – Aug. 2026*

### University of Nairobi

*Bachelor's Degree in Analytical Chemistry*

Nairobi, Kenya

*Sept. 2021 – Dec 2025*

## EXPERIENCE

### Software Engineering Virtual Internship

Feb 2023 – March 2023

*JPMorgan Chase And Co.*

*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

Dec. 2022 – Feb. 2023

*Blessing Private Primary School*

*Embakasi, Nairobi, Kenya*

- Resolved critical payment delay bug at Blessing Private Primary School by conducting thorough debugging and code fix.
- Enhanced reporting capabilities by implementing data visualization using Chart.js, contributing to improved insights.
- Demonstrated proficiency in Git for version control and validated feature functionality through rigorous testing.

## PROJECTS

### Puddle Marketplace | *Python, Django, Tailwind CSS, JavaScript, Git, Docker*

June 2023 – Aug. 2023

- Developed a web application for buying and selling second-hand items using Python and Django.
- Designed a consistent user interface with dynamic buttons, using django-auth functionality, and responsive design.
- Implemented profile personalization and dashboard features for users to manage their listed items.
- Facilitated user communication through a messaging app with rich-text messaging via CKEditor.
- Utilized Git and GitHub for version control, and Docker for streamlined deployment.

### AppliVault | *Python, Django, Bootstrap CSS, JavaScript, Git, Docker*

August 2023 – Present

- Developed an application to monitor job, apprenticeship, and internship applications using Python, Django, and Bootstrap CSS.
- Implemented features such as saving jobs for future applications, tracking applied jobs, and creating a chat app for sharing experiences.
- Utilized JavaScript for interactive elements and Git for version control.
- Employed Docker for streamlined deployment of the application.
- Created a user-friendly interface for seamless navigation and engagement.

### Myodyssey | *Python, Django, Bootstrap CSS, JavaScript, Github*

August 2023 – Present

- Created a website for publishing articles and blogs using Python, Django, Bootstrap CSS, and JavaScript.
- Implemented features like rich text editor, blog categories, user authentication, and interactive blog comments, enhancing user engagement.

## SKILLS

**Languages:** Python, Java, SQL(MySQL) , JavaScript, HTML/CSS, R

**Frameworks:** Django, Bootstrap, 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