

ERIC WAMBUA THOMAS.

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Summary

Enthusiastic 2nd-year Computer Science student with a passion for software development, data structures, and AI. Proficient in Java, and front-end development, with hands-on experience in building web applications and automation tools. Eager to apply technical skills in an internship or research project.

Skills

- Programming Languages: Python, Java, C++
- Web Development: HTML, CSS, JavaScript, React.js
- Database Management: MySQL, Firebase
- Technical Concepts: Object-Oriented Programming, Data Structures, Algorithms
- Tools & Platforms: Git/GitHub, Linux, VS Code
- Soft Skills: Teamwork, Problem-Solving, Critical Thinking

Education

Bachelor of Science in Computer Science

MASINDE MULIRO UNIVERSITY | Expected Graduation: May 2027

- GPA: 3.7/4.0
- Relevant Courses:
 - Data Structures & Algorithms
 - Object-Oriented Programming
 - Web Development Fundamentals
 - Introduction to Artificial Intelligence

Projects

1. Student Task Manager App.

- Designed a desktop application to help students track assignments and deadlines

- Implemented a reminder system and a progress tracker
- Used SQLite for local data storage

2. Personal Portfolio Website (*HTML, CSS, JavaScript, React.js*)

- Developed a responsive personal website showcasing projects and skills
- Integrated a contact form using Firebase backend
- Improved page speed and SEO optimization

3. Weather Forecast Bot (*Python, OpenWeather API, Telegram API*)

- Built a Telegram chatbot that fetches real-time weather updates
- Used Python's requests library to fetch API data
- Implemented user-friendly commands for easy interaction

Experience

Coding Tutor

NYU Computer Science Club | Sept 2023 – Present

- Assisted first-year students in learning C++ , C and Java
- Conducted coding workshops on data structures and debugging techniques

Freelance Web Developer

Self-Employed | Jan 2023 – Present

- Developed custom websites for small businesses and student projects
- Optimized front-end performance for faster load times

Certifications & Courses

- Python for Beginners – Coursera (*Issued: Jan 2024*)
- Web Development Bootcamp – Udemy (*Issued: Dec 2023*)
- Google IT Support Fundamentals – Google (*Issued: Nov 2023*)

Extracurricular & Leadership

- Member, NYU Hackathon Club – Participated in coding competitions
- Volunteer, Code for Good – Developed small projects for non-profits

Languages

- English (Fluent)
- French (Basic)
- Swahili