

# Alex Mwangi

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## EDUCATION

**Kibabii University**

Bungoma, Kenya.

**Bachelor of Science in Computer Science**

Expected Graduation in September 2026.

**Relevant Coursework**

Data Structures, Algorithms, Network Security.

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## OBJECTIVE

I am a motivated Computer Science student with a strong interest in cybersecurity and digital forensics, seeking an internship to apply my technical skills and contribute to a secure cyber space.

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## CERTIFICATIONS

AWS Certified Cloud Practitioner (CCP).

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## PROJECTS

### Malware Analysis and Detection System

Used Python, JavaScript, Tailwind CSS, and HTML to create the system for analyzing and detecting malware.

Implemented features like secure file storage and detection based on known signatures.

Utilized malware scanning programs such as the VirusTotal API.

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## TECHNICAL SKILLS

**Languages:** Python, JavaScript, AWS, Network Security.

**Developer Tools:** Git, VS Code, Linux, Windows.

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## EXPERIENCE

**Kibabii University**

Bungoma, Kenya

**Student Researcher / Project Contributor** (July 2024 – Present)

Collaborated with peers on a Competency-Based Curriculum (CBC) management system.

Developed backend APIs using JavaScript and integrated them with the frontend.

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## CULTURE AND LEADERSHIP

**Vice-Chair of the Informatics Club at Kibabii University (2024–present)**

**Soft skills:** Strong problem-solving abilities, good teamwork, communication, and customer service.