

# COLLINS OTIENO JUNIOR

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## SUMMARY

Passionate and analytical data scientist and a software engineering student with a strong foundation in computer science principles and a passion for extracting insights from data. Proficient in programming languages and statistical techniques, adept at cleaning, analyzing, and visualizing data to draw actionable conclusions.

## EDUCATIONAL BACKGROUND

**The African Leadership University** – Kigali, Rwanda

**May, 2023 – November, 2026**

Bachelor in Software Engineering

*Relevant Coursework: Linux and I.T. tools, programming and databases, Data Structures and Algorithms, Object-Oriented Programming, Front-end Web Development, Web Infrastructure, Entrepreneurial Leadership.*

## PROFESSIONAL WORK EXPERIENCE

**Data Science and AI Apprentice**

**May, 2024 – present**

**Equitech Futures** – Remote

- Used cutting-edge technology tools in data science and artificial intelligence to tackle societal challenges.
- Conducted independent research on the impact of mobile money usage on financial inclusion in rural Kenya, presenting findings at a national conference.
- Created interactive data visualizations using Tableau and Power BI to communicate complex insights to stakeholders, leading to improved decision-making across departments.

**Web Developer**

**July, 2023 – May 2024**

**Shamba Salama** – Kisumu, Kenya

- Contributed to the development of a web application for providing agricultural extension services to farmers, connecting farmers with other farmers and connecting the farmers to markets.
- Independently designed and implemented a user authentication system, ensuring data security and compliance with industry standards.
- Collaborated with senior developers to troubleshoot technical issues and improve code efficiency, leading to a 15% reduction in application runtime.

**Marketing Intern**

**January, 2023 – September, 2023**

**Launch International** – Erbil, Iraq

- Built a custom website and a landing page for the organization, exceeding the expectations and achieving a 100% success rate in meeting the project deadlines.
- Utilized SEO best practices to optimize website content, resulting in a 20% increase in organic traffic for the website.
- Provided ongoing technical support and maintenance for the organization, ensuring website functionality and security.

## EXTRACURRICULAR ACTIVITIES

**Co-founder and President**, Hemitechs

**January, 2022 – December, 2022**

- Led a team of ten students in organizing a hackathon focused on developing innovative solutions for social impact.
- Successfully managed event logistics, ensuring a smooth and engaging experience for over 100 participants.

## SKILLS

- Data Visualization, Data analysis, Data Research, Applied Artificial Intelligence
- Programming: python, JavaScript
- Version Control, Git
- M.S. PowerPoint, MS Publisher, Excel, Outlook, and Customer Relationship
- Design: Adobe Suite, Canva, Figma, U.X. and UX design
- Search Engine Optimization
- Web Development: HTML, CSS, Front-end frameworks.
- Debugging

## LANGUAGES

- English – Fluent
- Dholuo - native
- Kiswahili - Fluent