Rose Kimu

✉ kimurose1@gmail.com   📞 +254791267404

in linkedin.com/in/rose-kimu-21963823a   🔗 https://github.com/RoseKimu

Summary

Aspiring junior software engineer with a driven mindset and a passion for tackling intricate challenges. Proficient in Python, Django, HTML, and diverse programming languages. Committed to meeting tight deadlines while delivering exceptional code. Eager to embrace added responsibilities and collaborate within a team to achieve collective development goals. Excited to contribute expertise and enthusiasm to advance innovation and make a positive impact.

Experience

Software Engineer Intern

Data Trace International Ltd

May 2023 - Present (3 months)

• Conducted thorough data exploration and created interactive dashboards using Apache Superset, resulting in a 20 % increase data visibility and improved decision-making for the team.

• Managed website setup, customization, and content creation on WordPress platform, resulting in a user-friendly interface and enhanced user experience for website visitors.

• Researched and analyzed data center architecture, infrastructure, and power considerations to inform the planning and design process, resulting in a more efficient and scalable data center solution.

• Evaluated open-source technologies such as Apache Knox, Apache Ranger, Trino, MinIo, and Airbyte to determine their suitability and feasibility for implementation in the organization's technology stack.

• Collaborated with team members on Superset and WordPress projects by actively listening to ideas, providing constructive feedback, and promoting a positive team environment.

Student Intern

Jomo Kenyatta University of Agriculture and Technology

May 2022 - Jun 2022 (2 months)

• Took the lead on solving complex problems by approaching them with high levels of initiative and creativity, resulting in successful resolution and improved project efficiency by 20%.

• Implemented a comprehensive training program for faculty and staff on computer hardware, maintenance, computer networking, and basics of Internet of Things, increasing their technical proficiency by 30%.

• Designed and developed a customized student forum platform in collaboration with a team of IT professionals, resulting in increased engagement and collaboration among students.

IBM Ambassador

Jomo Kenyatta University of Agriculture and Technology

May 2022 - Present (1 year 3 months)

• Collaborated with a team of professionals to plan and execute interactive events for students, resulting in a 15% increase in student engagement with IT professionals.

• Utilized IBM platforms such as IBM Skills build, IBM Academic Initiative, and IBM Cloud to provide valuable resources and opportunities for students, resulting in a 20% increase in student participation.

• Provided mentorship to students, increasing overall satisfaction by 25% and fostering greater involvement in campus life.

Education

Jomo Kenyatta University of Agriculture and Technology
Bachelor of Science, Computer Science
2020 - 2024

Licenses & Certifications

AI4I® – Learn RPA with TagUI - AI Singapore
752054

Artificial Intelligence Analyst Certificate: Explorer - IBM

Data Fundamentals - IBM

Enterprise Design Thinking Practitioner - IBM

Improving Healthcare: The role of Artificial Intelligence (AI) - IBM

Improving Healthcare: The role of Data Analytics and Data Science - IBM

Improving Healthcare: The role of Cloud Computing - IBM

Skills

Apache Superset • Python (Programming Language) • Django • HTML • Cascading Style Sheets (CSS) • Bootstrap (Framework) • Agile Development • WordPress • MySQL • Communication

Honors & Awards

Kenya Science and Engineering Fair (KSEF) participation up to the national level
2018
Built a project to manage environmental waste
by building decorations from waste products. This encourages reuse,
recycling and environment friendly waste management procedures.