Kalvin O. Oanda

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https://github.com/kalvin-osoro

EDUCATION

Strathmore University   **Nairobi, Kenya**

Bachelor of Science in Informatics and Computer Science   2019 - 2023

Coursera certificate (Johns Hopkins University)   **Nairobi, Kenya**

HTML, CSS, JavaScript for Web Developers   Dec. 2020

WORK EXPERIENCE

Eclectics International Limited   **Nairobi, Kenya**

Software Development intern   Feb. 2023 – Mar.2023

- Prepared technical documentation and designed high-level diagrams for software products
- Developed functional applications using Spring Boot, Angular and Android Studio IDE
- Provided APIs for mobile applications and web applications
- Integrated Spring Security with JWT Authentication and Authorization
- Tested applications and provided support for mobile applications
- Troubleshot and debugged applications
- Deployed applications to the servers and maintained them

National Hospital Insurance Fund (NHIF)   **Nairobi, Kenya**

ICT intern   Jan. 2023 – Feb.2023

- Assisted in subnetting to improve on network efficiency
- Installed, fixed and updated software for computers
- Provided IT support to the employees
- Configured VoIP phone for communication within the organization

ACADEMIC PROJECTS

Strathmore University   **Nairobi, Kenya**

Malware Classification using Convolutional Neural Network   Sep. 2022 – Dec.2022

- Trained a machine learning model using CNN to classify grayscale images of Malware in Google Colab
- Used the model to classify gray scale images of 25 malware classes into their various classes
- Deployed the model using the Django framework

LEADERSHIP

Strathmore University Media Group   **Nairobi, Kenya**

Animations lead   May 2022 - Jul.2022

- Organized and chaired club meetings
- Facilitated recruitment of new members and learning of animation using Blender 3D computer graphics software tool
- Developed animation content for the club

Community Outreach Program (COP)   **Nairobi, Kenya**

mentor   Jan 2021 - present

- Visiting high schools in Kenya to offer mentorship talks
- Visiting children's homes and rescue centers to spend time with the children, donate items and assist with cleaning.

SKILLS, INTERESTS & AWARDS

Technical: Azure, Java, C++, PHP, SQL, Python, HTML, CSS, JavaScript, Visual Studio, Android Studio

Interests: Data Science, Business Development and Entrepreneurship, Basketball

Awards: Oracle apex SDGs hackathon 2nd runners up (October 2021)