Brian Cheruiyot

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CAREER OBJECTIVE

A forward-thinking developer offering more than four years of experience building, integrating, testing, and supporting Android applications for mobile and tablet devices on the Android platform seeks position with a top technology firm.

Passionate machine learning professional and data-driven analyst with the ability to apply ML techniques and leveraging algorithms to solve real world business problems. Established ability in deploying effective predictive models across different industries to accurately forecast consumer behaviour and deliver proven results.

A professional in content creation and search engine optimization.

CORE QUALIFICATIONS

* Created A fully functional Android application integrated with machine learning model.
* Created an AI android application that is functionally useful in counting football keep ups.
* Known for writing efficient, maintainable, and reusable code.
* Proficient in design, data structures, problem-solving, and debugging.
* Expert in the interaction between various devices and versions of Android.
* Expert in data processing, data visualization, predictive modelling, machine learning algorithms, model development and data mining.

PROFESSIONAL EXPERIENCE

KARATINA UNIVERSITY CLUB

**Android Developer***,* Jan 2021-Present

Project contributor of mobile development team for various native Android projects. Collaborate with expert IBM developers, Machine learning experts, UI designers, and other developers to develop cutting-edge applications for the business sector without jeopardizing privacy or security.

* Ensure applications are properly integrated with Android APIs.
* Create SQL database structures that integrate with Android applications and web interfaces.
* Participate in fast-paced development cycles; have completed 100% of deadlines ahead of schedule.
* Contribute and participate in new feature product specifications.

Designed an employee tracking application with Biometric enabled to simplify employee management.

Developed an android application that would detect tomato crop disease and classify the detected disease as belonging to the most accurate and appropriate class.

* Applied various machine learning techniques by deploying CNN model as TensorFlow lite model on android applications framework.
* Created charts in Jupyter Notebook to perform analysis & visualize data using **Matplotlib.**

Kaggle

**Machine learning student***,* April 2019-Current

Worked with readily available to develop predictive models to attain a higher accuracy and mainly solving related problems.

* Wrote clean, clear, efficient, well-tested, and maintainable code.

EDUCATION

**Bachelor of Science in Computer Science** (Nov 2021); Second Upper

Karatina University, Nyeri, Kenya.