Hillary Chesaro

Software Engineer

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Skills

- C++, C#, PHP, JavaScript, HTML5, MySQL, MongoDB, Python, Dart, Unity, Flutter.

- Software deployment, scaling and management with Kubernetes and Docker as the container runtime.

- Cloud Application Development with AWS.

- Version Control with GIT.

- White-Box and Black-Box Testing.

Languages

- Fluent in English & Swahili

Objectives

I am an inquisitive, energetic, oriented, honest, self-driven, Software Engineer with more than 7 years experience skilled in leadership, resource mobilization, capacity building and problem-solving with a strong foundation in math, logic and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, interpersonal development and management to be an ambitious, focused, successful, dynamic, hard-working and honest engineer and manager.

Experience

Saro Labs   Jan 2021 – Present

Lead Software Engineer

- Development of a myriad of software products.

- Negotiate trade-offs that are both acceptable to the principal stakeholders and within budgetary, technical, regulatory, and other constraints.
- **Key Achievement: Fruit Hitman** (https://play.google.com/store/apps/details?id=com.sarolabs.fruithitman&hl=en&gl=US) is a dynamic puzzle game implementing a deep neural network model to give the player a non-predictive game-play per level making each level unique to the player's style of game-play hence providing a flexible and affordable pricing of in-app purchases as the player progresses over the levels.

Africa Digital Media Institute(ADMI)   Jan 2019 – Dec 2020

Software Development Trainer

- Responsible for developing curricula and projects for training and assessment in C#, JavaScript, PHP and C++.

CodOrps Studios Ltd.   Aug 2015 – Dec 2020

Lead Software Engineer

- Head of development for various software products.
- **Key Achievement: BebaBeba** action adventure game implementing gamification as a new paradigm for virtual based learning(https://play.google.com/store/apps/details?id=com.CodOrps.BebaBeba).

Education and Certifications

BSc(Computer Science)   Kenyatta University(2012-2016) .

NASA Galactic Problem Solver   NASA(2015).

Programming Languages   African Institute of Research and Development(2012) .