Wuanita Wanjiku

Software Developer

Nairobi, Kenya

(254) 113-659476

wanjikuwuanita@gmail.com

Wuanita is always looking for new solutions to build user-interactive platforms. Besides possessing practical coding knowledge, she is a team player who loves to share, learn and constructively debate with others. Her love for interacting with user-friendly interfaces has been a key motivator to constantly learn new things and take up challenges. She is embracing the way technology is positively impacting lives and is utilizing her skills in android development and IoT to create a pad dispenser. Through this project, she hopes to make sanitary towels accessible to girls living in low-income areas.

EDUCATION

codeHive Program — *Diploma in Information Technology*

February 2021 - PRESENT

Internet of Things(IoT):
- Using IoT components such as the Arduino, Raspberry Pi, ESP8266 module, and different sensors, to make working connections.
- Using IoT-based dashboards and databases, Graffana, and Influx DB.

Android Development:
- Ability to use Android Studio and IntelliJ IDEs
- Integrating REST APIs on mobile applications
- Embodying MVVM in Kotlin applications.

Back-end Development:
- Basics on Python Object-Oriented Programming
- Ability to use the Django framework
- Python data structures; dictionaries, lists, tuples, sets

Front-end Development:
- Ability to create and deploy responsive websites using HTML/CSS/JavaScript
- DOM manipulation using JavaScript/HTML/CSS

UI Design/UX Research:

- Design thinking process
- Research report formulating and presenting
- Story-boarding, sketching, wireframes, prototyping

Product Design:

- Blending user needs with business goals to help brands make consistently successful products.

ICC Nairobi, Mombasa Road — *Masters' Commission*

February 2020 - June 2020

Our Lady of Mercy Secondary School, South 'B' — *High School*

February 2016 - November 2019

Certificate of Secondary Education.

TECHNICAL SKILLS

- Familiarity with IoT components such as sensors, raspberry pi, and Arduino, to send and receive data over the internet and have it displayed on a dashboard.
- Understanding of design thinking process, develop, test, and deploy user-interactive and responsive websites using JavaScript and basic knowledge of bootstrap.
- Able to design, and build mobile applications using remote data via REST and JSON
- Ability to use Android Studio and IntelliJ IDEs.
- Knowledge and understanding of design principles, as well as crafting out the user journey through storyboards, sketches, wireframes, and prototyping.
- Adept in designing products that blend with user needs, and creation of logos using AutoDesk Fusion, and Adobe Illustrator respectively.

PROJECTS

- Pumzi

This is an air quality monitoring system that measures the level of common air pollutants in order to assess the level of pollution in relation to the ambient air quality standards. The product was designed in AutoDesk Fusion 360.

https://github.com/Wuanitawanjiku/Pumzi

- Solio Farm

Designed a mobile app for coffee and macadamia farmers to help increase their customer reach.

https://www.figma.com/file/5ZRlKYSmR91mejGRvUG5b9/Solio?node-id=69%3A123

- School Registration App

Created a student registration app, able to fetch data from an API using Kotlin.

https://github.com/Wuanitawanjiku/codeHiveRegistration

- Glam_Gram

Developed an online fashion/clothing store that showcases trending female outfits.

https://github.com/Wuanitawanjiku/Glam_Gram

- Django school system

Created a school management system using Django that enables learning institutions to manage students' data.

https://github.com/Wuanitawanjiku/Python_School_System

- Mi. Mi

Worked on a research project that focused on Menstrual Health Management in Kenya, to inform a pad dispenser project soon to be developed.

https://docs.google.com/document/d/1qT4udjn50VXbPQpwjYk9PYrUf4l47w8ZHs2jprlU0c/edit

EXPERIENCE

AIC Plainsview, South 'B' — *Assistant Sound Engineer*

April 2017 - February 2021

A self-taught assistant sound engineer.

- First female sound engineer
- Successfully managed sound production for a wedding that had high profile guests

One Million Strong, Mombasa Rd — *Volunteer*

January 2020 - PRESENT

- Mentored a group of 15 girls and had authentic discussions about life and the challenges that the typical teenager goes through. Successfully guided them on the skills that will help them grow and navigate through difficult situations.

AWARDS

Research Clubs Of Africa - Certificate

Our Lady Of Mercy | April 2019

Student Leader - Certificate

Our Lady Of Mercy | Feb 2018 - Nov 2019

Referees

Koi Priscilla

Embedded Systems Engineer

Novek

koipriscillaanyango@gmail.com

Barre Yassin

Product Manager

Field Ready Kenya

akliyobarre@gmail.com

Joy Wambui

UX Researcher

Made By People

joysawambui@gmail.com