MS. PAULINE WANG'OMBE
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Nationality: Kenyan

CAREER OBJECTIVE

To gain technical and soft skills along with work experience in ICT companies while leveraging on the knowledge and experience I have acquired to create value for the organization.

EDUCATIONAL BACKGROUND

2020-2024 **Strathmore University**
Bachelor of Business Information and Technology
Awaiting graduation | Expected: Second Upper Class

2016 –2019 **Riara Springs Girls High School**
Kenya Certificate of Secondary Education (K.C.S.E) Grade: B- Maths C+, English B+

2023-2023 **Brno University of Technology**
Brno International Summer School in Information Technology
Cyber Security and Forensics Grade: A

WORK EXPERIENCE

Jan – March 2021 **Texas Cancer Centre**
Voluntary service- 200hrs

Responsibilities:

- Work alongside the existing staff to carry out record keeping. ○ Take part in taking food to the patients and washing dishes in the kitchen.
- Take part in helping to fill out new patients' details at the reception.
- Take part in collecting dirty laundry from the wards and hanging and unhanging clean laundry.

Feb – March 2023 **@ilabAfrica**
Work Based Learning – 320hrs

Responsibilities:

- Making updates to the ilab website as needed.
- Liaising with different departments to obtain content for the ilab website.

- Developed and tested website functionality to ensure proper user experience.

SOFTWARE PROJECTS

GitHub: https://github.com/Paula-Wang

- **A Smart Farmer Web Application for Farmers in Kenya –** This project is a web application that connects farmers to stakeholders directly without the need for a broker. The farmer can reach out to other farmers, agrovets, veterinary services, markets, and delivery trucks to ensure that the farmer can run their farm smoothly without having to leave it to search for services and goods. The project was developed by using PHP, JavaScript and MYSQL database tools.
- **Automated IoT-Based Irrigation System –** This project is a web-based application that helps farmers use water sparingly by having an automatic irrigation system that uses a soil moisture sensor to detect the level of water in the soil. If it is below a certain threshold, the system automatically waters the plants and once the soil is well saturated it turns off the pump. The system also measures the temperature and humidity of the plant and has an ultrasonic sensor that measures the water level in the tank and automatically refills the tank once the water runs low. The data is displayed on a web-based dashboard and the farmer can change the threshold values in case it is dry season, and they want to save more water. The project was developed by using C++, sensors and a microcontroller, relays and pumps, firebase, and node-red.

ACHIEVEMENTS

- Holder of the President's Award Scheme- Gold Award (2019)
- Achieved 3rd place nationally in the Kenya Science and Engineering Fair 2018 under the Energy and Environmental Category

COMPUTER PROFICIENCY SKILLS

- C++
- Java
- Kotlin

- IoT
- Django
- IT Project Management
- Cybersecurity
- Microsoft Excel
- Computer Forensics

LANGUAGES

- English
- Kiswahili

HOBBIES AND INTERESTS

- Reading
- Travelling
- Playing the recorder