KYMANI ANDERSON

Location: St. Catherine, Jamaica
Telephone: 876-810-5164
Email: kymanianderson99@gmail.com

PROFESSIONAL PROFILE

Creative and resourceful individual passionate about problem solving and innovation in the field of computer science and engineering.

Having been able to take part in projects from web development to patient monitoring systems, I am keen to pursue a role in the technology industry. My diverse background shows that I am a self-motivated learner willing to learn anything new in pursuit of a project which would make me an excellent asset to your department.

PROGRAMMING

Languages: Python, JavaScript, C
Frameworks: Tensorflow, Flask, Bootstrap
Databases: MongoDB, PostgreSQL, SQLite

SKILLS

Git, Github, HTML, CSS, SCSS, Node.js, Linux, Machine Learning, Figma, Cura, Fusion360, 3D Printing, EagleCAD, Embedded Systems, Arduino, Circuit Design and Testing, Microsoft Suite.

EDUCATION

Sep 2018 - Jun 2021

University of the West Indies, Mona

B.Sc. Biomedical Engineering

GPA: 3.75

Awards: Engineering Honour Society | 2019-Present
Mona Engineering Bursary | 2018-Present

WORK EXPERIENCE

March 2021 - June 2021

Junior Engineer

PreeLabs Ltd. | Kingston, JM

- Plan and develop custom solutions as required by customers to automate tasks and improve workflow.
- Oversee 3D printing of spacers for use by hospitals in the battle against COVID-19.

Sep 2019 - Oct 2019

ICT Engineering Intern (Seeds for the Future Program)

Huawei Headquarters | Shenzhen, CN

- Learnt basic Mandarin at the Beijing Language and Cultural University in Beijing.
- Underwent basic training in Cloud Computing, Artificial Intelligence, Big Data, 4G/5G Technologies.
- Configured both the hardware and the software of a 5G base station.

Jun 2017 - Aug 2017

GNU Health Project Intern

Ministry of Health | Kingston, JM

- Database management and document preparation.
- Preformed operational, maintenance or testing procedures for electronic products/systems.
- Created instructional videos for health professionals on how to use the proposed system.

PROJECTS

AVR Instrumentation System

Source Code

Embedded system project to create a simple multi-meter that measures voltage, resistance, capacitance, distance and temperature. The values were displayed on a 16x2 LCD.

Patient Monitoring System

Source Code

Internet of things project that takes an embedded system that monitors patient's vitals such as temperature and orientation and stores it in a MongoDB database. The data stored in the database was then displayed on a website along with graphs to show trends using Chart.js.

Prostate Cancer Cell Detection Using Deep Learning

Source Code

Neural network project that takes prostate biopsy samples scanned from the embedded system and feeds it through a CNN capable of determining the ISUP grade of the cell sample. An email alert was sent to the respective pathologist if any abnormalities were detected on the uploaded sample. These records were then displayed on a website along with the corresponding patient's information.

File Management Automation

Source Code

Python script that finds duplicate files in a path entered and moves them to a folder where users can review and delete these potential duplicates.

REFERENCES AVAILABLE UPON REQUEST