

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: Flask, Bootstrap, Next.js, React (MUI, ChakraUI, And), Strapi, Next.js, Wordpress

Databases: MongoDB, MySQL, PostgreSQL, SQLite

SKILLS

Git, Github, HTML, CSS, SCSS, Vercel, Heroku, NGINX, Netlify, Linux, 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: 3.81 Awards: Engineering Honour Society 2019-2021 Mona Engineering Bursary 2018-2021
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WORK EXPERIENCE

Oct 2021 - Ongoing	Junior Software Developer Norus Technologies Kingston, JM <ul style="list-style-type: none"> Software Development - currently tasked with 3 projects, one of which I act as the lead developer. Website Design and Testing Project Management
Jul 2021 - Oct 2021	Wireless Engineer (Intern) Huawei Technologies Kingston, JM <ul style="list-style-type: none"> Design, test and implement wireless networks around Jamaica. Generate KPI Reports Update and troubleshoot base stations around Jamaica.
March 2021 - June 2021	Junior Engineer PreeLabs Ltd. Kingston, JM <ul style="list-style-type: none"> 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.

WORK EXPERIENCE

Sep 2019 - Oct 2019	ICT Engineering Intern (Seeds for the Future Program) Huawei Headquarters Shenzhen, CN <ul style="list-style-type: none">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.
Jul 2017 - Aug 2017	National Identification System (NIDS) Project Intern Office of the Prime Minister Kingston, JM <ul style="list-style-type: none">Create, maintain and enter information into databases.Create presentations on possible advantages and disadvantages of proposed systems.
Jun 2017 - Jul 2017	GNU Health Project Intern Ministry of Health Kingston, JM <ul style="list-style-type: none">Database management and document preparation.Performed 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

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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

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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

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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

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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
