

Akin Adewale

Software Engineering Student

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Education

Lassonde School of Engineering, York University
2016 – Expected 2022 // Toronto, CA

Honors Bachelor of Engineering in Software Engineering

Experience

Student Research Assistant @ NSERC CREATE DITA York University
May 2020 – September 2020 // Waterloo, CA

- ▷ Packaged and deployed machine learning model for making color-based predictions from users' brain wave data readings.
- ▷ Created and deployed RESTFUL python web application around deployed machine learning model.
- ▷ Developed and tested data and web streaming functionality with open sound communication (OSC) and WebSocket technologies.
- ▷ Containerized application using Docker and implemented continuous deployment using Jenkins.

Enterprise Support Analyst @ BlackBerry
January 2019 – September 2019 // Waterloo, CA

- ▷ Identified and documented potential software/hardware defects for BlackBerry UEM.
- ▷ Prepared and manage escalations for approval to Software Development.
- ▷ Participated in several beta tests of new BlackBerry software/hardware.
- ▷ Researched, authorized, and reviewed technical documentation.

Programmer Assistant @ Lassonde School of Engineering
September 2019 - Present // Toronto, CA

- ▷ Led in WordPress site development and provided support to faculty and staff.
- ▷ Performed minor maintenance and repair on equipment and updated appropriate senior IT staff to coordinate repairs.
- ▷ Worked with students to provide direct assistance with using lab technologies and spaces.

Competitions

Hack Lassonde 2019: First Place Finalist

- ▷ Programmed an implementation of Google Maps API to help guide pedestrians in adverse road conditions.
- ▷ As the team coordinator, managed the tasks and priorities of the group to present deliverables on time.
- ▷ Prepared and executed a professional presentation to an audience consisting of industry professionals.

Skills

Programming Languages

Java, C, C#, Python, JavaScript, HTML, SQL
CSS/Sass, Shell Scripting, Ruby, Eiffel

Libraries & Frameworks

jQuery, ReactJS, Node.js, Bootstrap4, Python Flask

Tools & Platforms

Git, Docker, Jenkins, Amazon AWS, IBM Cloud, Eclipse,
TensorFlow, Microsoft Visual Studio, Eiffel Studio, Jira,
Salesforce, Adobe Photoshop, Adobe Illustrator, Adobe XD,

Projects

Mezzo

E-commerce album store built using DB2, Java, Apache
Tomcat, and IBM cloud.

Adam or Pineap

A Machine Learning based weekend project to distinguish
images of my friend Adam (known for his spikey hair) from
images of a pineapple. Built using python, TensorFlow, Flask,
Amazon EC2, Docker, and Jenkins.

Treasure Box Braille

Interactive Story creation for visually impaired educators and
students. Built using tools such as Git, Java and with a Test-
Driven Developments method.

Interests

Graphic Design, Photography - digital and film, Reading,
Learning, Bodybuilding

Leadership Experience

Engineering Faculty Director – York Federation of Students

Acted as a liaison between the University wide student body –
York Federation of Students (YFS) and the engineering faculty
student bodies.

VP Communications – Bethune College Council

Responsible for creation and dissemination of digital and
physical media to the science student constituents.