

OLUWAJOLASUN JAIYESIMI

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EDUCATION

UNIVERSITY OF CALGARY

Master of Engineering in Software Engineering

May 2021 – May 2023

Calgary, Canada

- Graduated with a **Cumulative GPA: 3.85/4.00**.

LOUGHBOROUGH UNIVERSITY

Bachelor of Engineering in Electrical and Electronics Engineering

Oct 2015 – Jul 2018

Loughborough, United Kingdom

- Graduated with a 2nd Class Upper Honors, equivalent of a **Cumulative GPA: 3.72/4.00**.

WORK EXPERIENCE

THE HOME DEPOT

Store Associate (Part-time)

Feb 2022 – present

Calgary, Canada

- Follow company merchandising guidelines and plan-o-grams.
- Provide exceptional customer service, enhancing shopping experiences and increasing repeat business.
- Locate store merchandise and assisted customers with product knowledge and locating items.
- Build positive relationships with customers, answering questions about products and services.

HIFI ENGINEERING INC.

Machine Learning Engineer (Intern)

Jan 2023 – Apr 2023

Calgary, Canada

- Collaborated with a team of 3 data engineers to develop Deep Learning models for detecting leaks in pipelines, resulting in a 20% increase in accuracy compared to the previous model.
- Cleaned, prepared, and transformed large MATLAB data files with SciPy for advanced data analysis.
- Identified trends in large datasets with the application of python libraries and writing python scripts to generate leak images for training Deep Learning models.
- Evaluated the performance of the machine learning model using various metrics such as accuracy, precision, and recall, and presented the results to the team and stakeholders.

UNIVERSITY OF CALGARY

Head Teaching Assistant (Full-stack Web Development)

Dec 2022 – Apr 2023

Calgary, Canada

- Assist the professor in preparing instructional materials for class, including creating slides and quizzes.
- Work with students in small groups to reinforce learning concepts and provided personalized feedback and support.
- Provide feedback to the professor regarding student progress, and suggested changes to improve student's understanding.
- Assist with grading, record-keeping, maintained accurate records of student performance.

NOTABLE PROJECTS

Movie Theatre Ticket Reservation App

- Designed the back-end application with Java Spring boot, creating REST API endpoints to perform CRUD operations for the requirements such as registering a User, viewing available movies, updating movie seat, ticket cancellation etc.
- Designed the front-end application with React.js used for the client side for users to interact with the application.

Java Spring Boot REST API JavaScript React MySQL MVC Architecture Database

SKILLS

Languages & Technologies: HTML, CSS, JavaScript (React, NodeJS, ExpressJS), Python (NumPy, Pandas, TensorFlow, Keras, Scikit Learn), SQL (MySQL, PostgreSQL), NoSQL(MongoDB), Java (Spring Boot), C / C++, Apache Spark, Git, GitHub, Postman, AWS (Amazon Web Services), Google Cloud Platform, nodemon, VSCode, Google Dev Tools, Jupyter Notebook

Technical & Soft: Responsive Web Design, Cross-Browser Compatibility, Unit testing, Object-Oriented Programming (OOP), SOLID, Design Patterns, Software Development Principles, Analytical Thinking, Agile and Scrum development, Attention to Detail, Problem Solving, Critical Thinking, Communication, Collaboration, Time Management, Adaptability, Curiosity, Presentation Skills, Continuous Learning, Client-Focused Mindset

INTERESTS

Working Out, Cooking, Photography, Video Gaming, career development, self-improvement, process improvement