

# Oluwajolasun Jaiyesimi

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## SKILLS

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

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

## EDUCATION

**Master of Engineering (MEng). Software Engineering**  
University Of Calgary

May 2021 – May 2023  
Calgary, Canada

- Graduated with a Cumulative GPA: 3.85/4.00.

**Bachelor of Engineering (BEng). Electrical and Electronics Engineering**  
Loughborough University

Oct 2015 – Jul 2018  
Loughborough, United Kingdom

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

## RELEVANT EXPERIENCE

**Software Engineer - Machine Learning (Internship)**  
Hifi Engineering Inc.

Jan 2023 – Apr 2023  
Calgary, Canada

- Collaborated with a team of 3 data engineers in an Agile development environment, utilizing Scrum methodologies to develop Deep Learning models for detecting leaks in pipelines, resulting in a 20% increase in accuracy compared to the previous model.
- Participated in daily stand-up meetings, sprint planning, and sprint reviews to ensure efficient project progress and delivery.
- Cleaned, prepared, and transformed large MATLAB data files 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.

**Full stack Developer - Head Teaching Assistant**  
University Of Calgary

Dec 2022 – Apr 2023  
Calgary, Canada

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

**Store Associate (Part-time)**  
The Home Depot

Feb 2022 – present  
Calgary, Canada

- Adhered to company merchandising guidelines and plan-o-grams.
- Provided exceptional customer service, enhancing shopping experiences, and increasing repeat business.
- Located store merchandise and assisted customers with product knowledge and locating items.
- Cultivated positive relationships with customers, addressing questions about products and services.

## 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

## INTERESTS

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