










# Osasumwen Raphael Imarhiagbe

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## SUMMARY

Polished, professional and forward-thinking Machine Learning Engineer with superior leadership skills, business acumen and Tech industry record of success. Driven to continuous operational and technological improvement, cementing business position and enhancing long-term success with visionary management. Well-grounded in sound business principles and cognizant of strategies for enhancing business efficiency, profitability and service delivery.

" For life to remain on earth, the future must be artificial!?"  
@Osasu 2020

## PROFESSIONAL EXPERIENCES

### Graduate Research Assistant

*University of Lethbridge*

Research focused in Deep Neural Networks creating Computer Vision Algorithms for Security Architectures and Health Issues Detecting

09/2023 – present  
Lethbridge, Canada

### Graduate Teaching Assistant

*University of Lethbridge*

Teaching assistant for Introduction to Probability and Statistics (STAT 1770) - Fall 2023 ; Discrete Structures (CPSC 1820) - Fall 2023 & Spring 2024; Mathematical Concepts (MATH 2000- Spring 2024)

09/2023 – present  
Lethbridge, Canada

### Data Scientist

*ZAIR Solutions*

Contractual

04/2022  
Benin, Nigeria

### Co-founder/ Chief Executive Officer

*ALMA Network Solutions Limited*

CEO of a Networking and IT consultancy company that provides tech related services to small, medium and large scale firms in Edo State Nigeria.

10/2017 – 08/2023  
Benin, Nigeria

### ICT Administrator/ Reviewer

*Nigeria Startup Act*

Worked on drafting and reviewing the Nigeria Startup Bill with various teams and saw to the passage of the Bill across the Legislative chambers and the subsequent assent by the President of Nigeria.

03/2021 – 12/2023  
Abuja, Nigeria

### Startup Mentor (Remote Contract)

*NewChip Accelerator*

Advised several startups on growth strategy to quickly gain market traction, and also help bridge the gap between strategy and execution thereby making a big impact for their customers and partners.

05/2022 – 04/2023  
Austin, United States

### Front End Developer

*Britkay Enterprise*

Worked on the an E-commerce brand of Britkay and saw the expansion of the eCommerce division by developing a responsive website to power the market space

01/2020 – 03/2022  
Delta, Nigeria

## EDUCATION


### Master of Science (Computer Science)

*University of Lethbridge* 

Deep Learning and Artificial intelligence.

09/2023 – present  
Lethbridge, Canada

### Bachelor of Science (Computer Science)

*Benson Idahosa University* 

Summa Cum Laude (CGPA 4.84/5.00)

09/2018 – 07/2022

## THESIS

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### Classification and Categorization of COVID-19 Treatment Drugs and Vaccines Using a Data Mining Approach

2022

*A case study of the University of Benin Teaching Hospital Infectious Diseases Unit*

## SKILLS

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### Administration

Project Management

### Information Technology

Microsoft Packages (Access, 365, Project, Excel, One Note, Outlook, Project, Visio, Power Bi), Teams, Windows 10, 11.

### Languages

Python, R, MATLAB, C/C++, Java, HTML5, CSS

### Libraries

TensorFlow, PyTorch, Numpy, Pandas, SciPy, Jax, HuggingFace

### DB & Querying

Postgres, Presto, MySQL

## CERTIFICATIONS

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### Google TensorFlow Certification

05/2024 – 05/2027

Credential ID: 104579946

### Convolutional Neural Networks in TensorFlow

12/2022

Issued by Coursera in conjunction with DeepLearning.AI

Credential ID: FAEGNDD9DBLP

### Natural Language Processing in TensorFlow

12/2022

Issued by Coursera in conjunction with DeepLearning.AI

Credential ID: YZQXNM2YVHZD

### TensorFlow for Artificial Intelligence.

12/2022

Issued by Coursera in conjunction with DeepLearning.AI

Credential ID: H6GHR9VM3VZC

### Neural Networks and Deep Learning

07/2022

Issued by DeepLearning.AI/Coursera

Credential ID: SUS3WKMYTCUL

### Complete Python Developer

07/2021

Issued by Udemy/ ZeroToMastery

Credential ID: UC-b5ee41e3-52d5-48fc-91bc-87d2686012da

### Build a Modern Computer from First Principles

07/2020

*From NAND to Tetris*

Issued by The Hebrew University of Jerusalem/Coursera

Credential ID: SBRLLEX7P6F

## PROFESSIONAL MEMBERSHIPS

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### Alberta Union of Provincial Employees

Membership ID 662697

### Institute of Electrical Electronics Engineers

*IEEE Computer Society, IEEE Computational Intelligence Society*

Membership ID 98422741

### Association for Computing Machinery

Membership ID 1694143

### National Society of Black Engineers

Membership ID 472945

**Canada's Association of Information Technology Professionals**  
Membership ID 20240941

**Alberta Machine Intelligence Institute**  
*AI Career Accelerator Program*

**Canadian Artificial Intelligence Association**

**Black in AI**

**Google Developer Groups**

**GRANTS AND AWARDS**

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<b>Alberta Innovates Graduate Student Scholarship</b>	09/2023 – 08/2025
<b>University of Lethbridge Graduate Research Award</b>	09/2023 – 08/2025
<b>Coca Cola Master of Science Graduate Admission Scholarship</b>	10/2023

**VOLUNTEERING**

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**Volunteer Lethbridge**  
Provide assisting service on a continual basis in the City of Lethbridge.

**Edo Global Art Foundation**  
Engaged youths and peers through Art, Culture and Technology, teaching computer appreciation and programming.  
Help resident artist garner exposure of their works and crafts. Also voiced in the Reparation, Restitution, and Rehabilitation of Benin Artefacts stolen by the British.