Richard Omorotionmwan

587-664-5643 | iheoma.richard@gmail.com | linkedin.com/in/richardomor | github.com/iheomach

EDUCATION

University of Alberta — Edmonton, Alberta
Bachelor of Science in Computer Science (Software Practice Specialization) — *September 2020 – May 2025*

EXPERIENCE

AI & Data Engineer - Intern — Sept 2024 – Present
Alberta Investment Management Corporation (AIMCo) — *Remote*
- Developing cloud infrastructure and data pipelines using Microsoft Azure, Databricks, Terraform, Python, and SQL, supporting CI/CD processes.
- Supporting AI-driven data product development and operational services

Data Analyst - Intern — May 2023 – August 2024
Suncor Energy — *Calgary, Alberta*
- Automated financial data preparation and reporting processes by integrating Microsoft Azure, Databricks and Power Automate, using REST API to trigger data retrieval workflows.
- Built a Python program to generate visual hierarchical risk structures from SQL data for Power BI visualizations.
- Developed DAX/Power Query scripts and designed Power BI reports to highlight key metrics and trends.

Process Engineer - Intern — May 2022 – August 2022
Enbridge — *Edmonton, Alberta*
- Utilized Object Oriented Programming to develop a Python program for Tank Limit computation, replacing formerly used excel files.
- Conducted reviews of the validity of temperature excursions and developed DAX scripts to analyze data inputs using PowerBI
- Developed Python program that retrieved hourly ambient temperatures and sent notifications when a threshold was exceeded.

Automation Engineer - Intern — May 2021 – August 2021
Emerson Automation Solutions — *Calgary, Alberta*
- Generated instrument performance reports using Zedi Access SCADA system
- Developed C++ scripts to query, modify and analyze data inputs on Tableau Data Analytics
- Developed templates for mass data entry and helped with quality assurance
- Supported SCADA HMI (Human machine interface) and UX contributions and feedback

PROJECTS

HunterQRHunter | *Java, Firebase, Android Studio, Git*
Software Engineer
- Developed the frontend and backend for the geolocation component of an Android game that enabled users to scan QR codes and barcodes, using Firebase for data storage and Google Maps API for geolocation and marker display based on user choices.

TECHNICAL SKILLS

Languages: Java, Python, C/C#/C++, SQL, JavaScript, HTML/CSS, MongoDB
Tools/Frameworks: React, Git, Microsoft Azure, Terraform, DBT, Firebase, Android Studio, Power BI, Tableau, SAP, Databricks, Spark

CERTIFICATIONS

- Microsoft Azure AI Engineer Associate
- Microsoft Azure Fundamentals
- Databricks Lakehouse Fundamentals