Chidubem Anekwuonye

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EDUCATION

Ivey Business School, Western University London, ON   *May 2026*
Bachelor of Engineering, Software Engineering and *Candidate for Bachelor of Arts, Honors Business Administration (HBA)*
• Dean's Honor List *2022-2024*, Stephen Cuddy Memorial HBA Award Winner, Western Engineering Consulting Case Winner

PROFESSIONAL EXPERIENCE

Scotiabank, Toronto, ON, Canada   *May 2024 – August 2024*
Data Engineer
- Reduced data ingestion overhead times by 25% by implementing a **Python** and **Pyspark** application to transfer logging data from an arbitrary Hadoop Distributed File System location to a production MySQL database
- Created Excel macros and a script with **Python** and **Bash** to automate gatherings of configuration data to test diverse file types for data ingestion eliminating manual set up and cutting down set up time by over 50%
- Migrated existing codebase from Spark 2.0 to 3.0 to enable increased efficiencies for production ETL routines and completed ad-hoc validations of 100+ data ingestion jobs running in parallel on legacy and updated servers

Western Morrissette Institute for Entrepreneurship, London, ON, Canada   *April 2023 – September 2023*
Head of Development of AI-Cademics
- Conducted market research through customer interviews with over 50 people and analyzed results to validate proof of concept and identify customer needs
- Led a team of 4 in developing of a functional website using **HTML**, **CSS** and **JavaScript**, managed the design and creation of front-end interfaces while actively contributing to back-end implementation
- Delivered compelling business pitches to advisors, potential partners, and critics, resulting in successfully securing $10,000 in funding. Incorporated valuable feedback for further refinement

Western Connect-IT, London, Canada   *August 2022 – October 2023*
Technical Support
- Delivered on-site and hot-line technical support for Connect-IT customers; performed local network diagnoses, configured devices to Connect-IT network and provided Windows/Mac IT services. Held 95% customer satisfaction
- Analyzed existing data, organized datasets, and implemented statistical models, optimizing staffing levels and improving operational efficiency by 16%
- Executed training programs for new hires, providing hands-on guidance and support, contributing to a streamlined onboarding process and decreasing onboarding time by one day for improved efficiency

EXTRA-CURRICULAR ACTIVITIES

Western Quantum Club, *Project Development Director*   *October 2023 – May 2024*
- Directed team in implementing a quantum portfolio optimization algorithm, achieving consistent profit generation in the market, and designed and executed comprehensive testing methodologies to ensure algorithm competency and accuracy
- Constructed a **Python** script to perform data processing and transformation, API integration, data mapping and complex calculations to generate recommended stock purchases and facilitate project connectivity

IBM Project Team, *Full-Stack Developer*   *January 2024 – April 2024*
- Collaborated with a team of 6 to recreate Western's Student Center website, integrating mainframe systems to enhance speed and add functionalities for course scheduling and evaluating using **ReactJS**, **NodeJS, SQL**, **Python** and **JavaScript**
- Developed backend APIs for course enrolment and schedule auto generation, and implemented user credential validation for secure login

SKILLS & COMPETITIONS

Proficient Skills: Web Development, Data Analysis and Financial Modeling (Python, SQL, Excel) and Powerpoint
Competitions: Western Engineering Consulting Case Winner, Second at Maple Hacks, Fourth at Scotiabank's Hackathon