Jerome (Chidubem) Uwaneme

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EDUCATION

- **Brock University** — St. Catharines, ON
  Bachelor of Science in Computer Science; GPA: 3.00 — *Sep. 2021 – Apr. 2025*

- **Denis Morris Catholic High School** — St. Catharines, ON
  Aug. 2019 – July. 2021

PROJECTS

- **CourseMix**: A modern web application for university course registration.
  Secure authentication with email verification.
  Smart schedule conflict detection and timetable planner.
  Next.js 15.1, React 19, Tailwind CSS, and Supabase.
  Role-based access control and protected API endpoints.
  Course analytics, prerequisite tracking, and waitlist management.

- **Connect Four Multiplayer Game**: A multiplayer Connect Four game :
  Playable on both Java Swing GUI and terminal.
  Supports Terminal vs Terminal, GUI vs GUI, and Terminal vs GUI match setups.
  Real-time gameplay with player instructions.
  Turn-based gameplay with player move validation.

RELEVANT COURSEWORK

- **Brock University** — St. Catharines, ON
  Bachelor of Science in Computer Science — *Sep 2021 - Apr 2025*
  - **Data Structures and Algorithms**: Studied efficient data organization techniques and algorithmic problem-solving strategies.
  - **Database Systems**: Learned relational database management, including SQL, normalization, and MongoDB for NoSQL databases.
  - **Operating Systems**: Explored core OS concepts including memory management, process synchronization, and concurrency.
  - **Artificial Intelligence**: Introduced to machine learning, neural networks, and AI problem-solving techniques.
  - **Web Development**: Covered frontend and backend technologies using HTML, CSS, JavaScript, React, Node.js, and Express.js.

TECHNICAL SKILLS

- **Languages**: HTML, Python, JavaScript, SQL, Java, CSS, Tailwind CSS
  Tools: IntelliJ IDEA, Microsoft Visual Studio Code
  Frameworks: Django, React, Next.js
  Database: MongoDB, MySQL, Postgres, Supabase

VOLUNTEER

- **St. Denis Church**
  Volunteered as a Mass server, assisting during church services and ceremonies.