AJ ALFONSO

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EDUCATION

Honours Bachelor of Science Expected 2026

Brock University - St. Catharines, ON

- Relevant Coursework: Advanced Data Structures, Intro to Computer Architecture, Math for Computer Science, Intro to Database Systems, Computer Systems

SKILLS

Programming Languages	Python, Java, C#, SQL, HTML, CSS, JavaScript, Arduino (C++)
Frameworks/Tools	.NET, WinForms, PostgreSQL, PyTest, Git, Bootstrap, Unifi, OPNSense, Software Design methodologies

EXPERIENCE

Technical Systems Analyst Co-op Sept 2023 - Present

CIBC - Toronto, ON

- Developed a .NET WinForms app using the Microsoft Playwright library to automate OS image configuration and deployment to Microsoft ConfigMgr, resulting in at least 200% increase in productivity
- Led the adoption and migration of internal team tools and binaries to CIBC's Enterprise GitHub
- Configured and deployed OS images to lab machines in DIT, SIT, and UAT environments for non-prod testing
- Administrated the Managed Desktop Contact Center non-prod domain through Active Directory and Active Roles
- Oversaw management and delegation of the MDCC Non-Prod ServiceNow queue

Sales Associate July 2021 - April 2023

The Source - St. Catharines, ON

- Addressed customer concerns through active listening and extensive knowledge of Consumer Electronics, BCE Mobility, and Residential services, in order to provide a complete solution.
- Provided an excellent customer experience through constant reviewal of new and existing products, resulting in achieving and exceeding mobility, residential, and consumer electronic sales targets.
- Trained new employees using The Source's sales model and supported both new and existing employees with system operation to create and maintain an effective sales team.

PROJECTS

Questing Game Database

- Designed a database for a character based questing game.
- Collaborated with my team to create an efficient Entity-Relationship diagram.
- Translated the ER diagram to SQL schema for deployment using PostgreSQL.
- Created forms and reports through Microsoft Access to edit and display statistics of characters and equipment.

Home Network

- Deployed a Ubiquiti Unifi network with an OPNSense router to increase network performance and security.
- Configured Wireguard for secure remote access and management of network
- Built a TrueNAS server for NVR recording and mass storage
- Hosted a Plex server for personal media consumption.
- Implemented VLANs to segregate personal devices, guest devices, and security devices.

PROJECTS - CONTINUED

Personal Website
- Developed a personal portfolio website through Hugo
- Deployed using Netlify connected to my personal repository, hosted on Github

EXTRA-CURRICULAR ACTIVITIES

Brock Filipino Student Association   May 2022 - May 2023
President - Brock University, St. Catharines, ON

- Oversee the executive team and is responsible for verifying that club related tasks are completed.
- Communicate with the Brock University Student Union (BUSU) to gain approval for events and funding, as well as securing venues.
- Host various events for members such as general meetings, Thrilla in Manila (Halloween), and the Night Market.
- Collaborate with other clubs, both within and outside of Brock, to host joint events for our members.

Hack The North 2022   Sep 2022
Hacker - University of Waterloo, Waterloo, ON

- Attended Hack the North as a first time Hacker.
- Oversaw a team of new Hackers and developed a web application using HTML, CSS, Bootstrap, as well as integrating an API.