

# AJ ALFONSO

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## CAREER OBJECTIVE

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Second year Computer Science w/ Co-op student searching for full time software development related co-op positions to become industry ready through development of both technical and soft skills.

## EDUCATION

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**Honours Bachelor of Science**, Brock University - St. Catharines, ON Expected 2026  
Relevant Coursework: Advanced Data Structures, Intro to Computer Architecture, Math for Computer Science

**Honours Bachelor of Science**, University of Toronto - Mississauga, ON 2018 - 2021  
Relevant Coursework: Intro to Computer Programming, Intro to Computer Science, Intro to Mathematical Proofs, Software Design

## EXPERIENCE

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**Sales Associate** July 2021 - Present  
The Source *St. Catharines, ON*

- Provides high level of customer service through extensive knowledge of Consumer Electronics, BCE Mobility, and Residential services.
- Achieves and exceeded mobility, residential, and consumer electronic sales targets.
- Utilizes Virtual Merchandising System to keep displays up to date.
- Trains new employees using The Source's sales model and supports both new and existing employees with system operation.

**Lifeguard and Swim Instructor** Feb 2017 - July 2021  
Town of Milton *Milton, ON*

- Coordinated with other staff to enforce and maintain safety protocols within the pool facility.
- Taught and supervised swimming lessons for patrons, from Parent and Tot, up to Adult age groups.

**IT Specialist** July 2017  
CompuMobile *Milton, ON*

- Completed hardware and software repairs on various computers and smartphones.
- Advised customers on technical issues with their devices.

## SKILLS

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<b>Programming Languages</b>	Python, Java, HTML, CSS, Arduino (C++)
<b>Technologies</b>	Git, Bootstrap, Unifi, PFSense, Oracle Cloud, AAPanel
<b>Soft Skills</b>	Analytical, Critical Thinker, Problem Solver, Collaborative, Self Motivated

## PROJECTS

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**Home Network** Deployed a Unifi network with a PFSense router for home use. Hosted a Plex server for personal media consumption. Currently planning optimal network layout for new house.

**Personal Virtual Private Server** Hosted an Ubuntu-based virtual private server through Oracle Cloud. Deployed AAPanel to handle personal website and file hosting. Implemented Git to easily deploy changes to personal website.

**DIY Electric Longboard** Built an electric longboard to commute between school, work, and home. Ordered motors, motor mounts, LiPO batteries, and VESC (Vedder Electric Speed Controller) to convert existing longboard. Programmed the VESC to allow me to safely control the longboard with a wireless remote. Fashioned a custom casing out of Kydex to house the battery and VESC.

## **EXTRA-CURRICULAR ACTIVITIES**

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### **Brock Filipino Student Association**

May 2022 - Present

President

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

### **Hack The North 2022**

Sep 2022

- 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

### **Bishop Reding REACH Trivia Club**

Sep 2015 - June 2018

Member

- Competed in school organized REACH tournaments, and led team to become the top school in our division.
- Qualified for and attended the 2018 REACH for the Top Ontario Provincial tournament.

## **AWARDS**

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- Cayley Math Contest Award
- Grade 12 AP Computer Science Award