

Jacob Lavell

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Education

Honours Bachelor of Science (Co-op) – Computer Science

September 2018 – Present

Brock University, St. Catharines, Ontario

Computer Programmer Analyst

September 2017 – June 2018

George Brown College, Toronto, Ontario

- Completed first year of program before coming to Brock.

Experience

Volunteer

August 2019

Fan Expo Canada, Toronto, Ontario

- Collaborated with hundreds of other volunteers to assist attendees by answering questions, providing directions and ensured events went smoothly.
- Worked with different teams in multiple positions to prevent stations from being understaffed.

Member

September 2015 – June 2017

North Toronto Photojournalists Club, Toronto, Ontario

- Collaborated with a dozen other students as a photographer taking pictures and writing summaries of events happening around and in school.
- Assisted club leader in recruiting and organizing club members for events.

Technical Competencies

- Advanced experience in Java and Python programming languages (Object-oriented programming)
- Proficient knowledge of HTML, CSS, JavaScript, Ajax (Creating webpages)
- Basic understanding of Routers and switches (CLI use and Wireshark)
- Proficient knowledge of Databases (PostgreSQL)
- Experienced with Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)

Academic Projects

Brock University

COSC 1P03 – Introduction to Data Structures

- Studied data abstraction, stacks, queues, arrays and lists in Java.

COSC 2P03 – Advanced Data Structures

- Created trees, graphs, heaps and hashes and implemented data structures into Java programs.

COSC 2P89 – Internet Technologies

- Designed functional interactive websites using HTML, CSS, JavaScript, Python and Ajax.

COSC 3P91 – Advanced Object-Oriented Programming

- Studied advanced object oriented programming with Java including designing GUIs and client-server connections.

COSC 3P32 – Introduction to Database Systems

- Created ER diagrams, studied queries in SQL and programmed databases with PSQL.

George Brown College

- Built a functional Ethernet cable using a CAT-5 cable, RJ-45 connector and crimping tool.
- Utilized Wireshark to monitor incoming and outgoing network activities.
- Configured simple networks connecting PC's, switches and routers.
- Learned safe disassembly and reassembly of a PC using an anti-static wrist strap and multimeter.

Achievements

- Standard First Aid and CPR-C from the Canadian Red Cross. June 2018
- Bronze Cross from the City of Toronto. August 2016