

# Clayton Sockabasin

Candidate for B.A.Sc. in Computer Engineering  
(University of Waterloo, Graduating 2022)  
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4 Month Co-op

## CORE COMPETENCIES

### Software:

- C++ development experience
- C# / .NET working experience
- Self-taught Java programming
- Solid understanding of Object-Oriented Programming
- Familiarity with SQL
- Working experience with .NET unit test procedure
- Working QA experience in development code
- Exposure to XML

### Hardware:

- VHDL experience from implementing FPGA circuit designs
- Exposure to soldering

### Tools:

- Git working experience
- Visual Studio experience
- Altera Quartus Prime familiarity
- Linux working knowledge

## WORKING EXPERIENCE

### Software Developer, Toronto, Ontario

Jan – Apr 2018

*Bank of Montreal*

- Created over 200 unit test cases in **C#** on **Visual Studio** for a backend program that calculated risk variables for companies that used the engine
- Developed an ad-hoc script that parsed through **SQL** log files to export requests of over a set amount to an Excel spreadsheet for analyzing and determining deficiencies in the system.
- Self-taught capital market practices and gained knowledge by attending weekly Agile scrum meetings

## SIDE PROJECTS

### Fuel Cell Boat Competition, Waterloo, Ontario

May – Jul 2017

*University of Waterloo*

- Designed and constructed a hydrogen fuel cell-powered boat
- Researched fuel cells and implemented what was found to configure the motor-cell circuit
- Responsible for taking measurements of rate of fuel usage and calculations pertaining to the chemistry of the fuel cell

### Robotics Team Member, Perth-Andover, New Brunswick

May – Jun 2016

*Southern Victoria High School*

- Assembled two robots that were capable of straight-line movement forwards and backwards
- Took on a leadership role in the electrical team for **soldering** and wiring within the team robot
- Managed and scheduled team projects to ensure that project deliverables were completed on time to complete the robot design.