

## Summary

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Skilled at functional and object oriented programming, with focus on front end development.

## Hackathons

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StarterHacks Jan 2019  
University of Waterloo

DeltaHacks V Jan 2019  
McMaster University

## Skills

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### Front End skills:

- JavaScript ES6
- React
- JSX
- Flux
- HTML
- CSS

### Well versed in:

- Python
- Java
- Racket
- Git

### Proficient in CS fundamentals:

- Recursion
- Closures
- Currying
- Callbacks
- Abstract Data Types
- Binary Search
- Breadth/Depth First Search

## Awards

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**Top 10%** CCC (Senior)  
**96.33%** entrance average  
Physics Distinction Award

## Education

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**University of Waterloo**  
Honors Computer Science  
*President's Scholarship of Distinction*

## Projects

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### [Cryptography Web App \(Try Me!\)](#)

Feb 2018

React, JS (ES6), CSS

- Wrote cryptography web app that highlights two simple substitution ciphers
  - Substitution cipher
  - Vigenère cipher
- Educates users how plaintext turns into cipher-text
- **Written with functional techniques using React**

### [Words Per Minute Web App \(Try Me!\)](#)

May 2018

React, JS (ES6), CSS

- Developed simple words per minute application that lets users test their typing speed!
- Project utilizes similar components and structure to Cryptography Web App, demonstrating **effective code reuse by using React components**

## Extracurriculars

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University of Toronto DEEP Camp Aug 2015 - Dec 2017

React Web Dev (2017)

Leadership, Vehicle Dev (2015)

- Learned how to program autonomous vehicles in Python with LEGO Mindstorms
- Implemented Google's Material UI components to web pages using React

Digital Media Academy

Aug 2016

Game development with Python

- Programmed League of Legends mini arcade game with Pygame
- Integrated user input for keyboard and mouse

## Work Experience

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Chancellor Community Centre

Jan 2017 - Apr 2017

Swimming Instructor

- Taught many children of various levels including impaired swimmers the fundamental techniques of swimming and floating
- Integrated water safety lessons and games
- Communicated with parents regarding the swimmers strengths and areas of improvement