

# Breandan Choi

4A Computer Science  
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## SKILLS

### Languages

Python, Java, C/C++, JavaScript,  
Bash

### Web

AngularJS, HTML5, CSS3

### Others

Google Ads, Google Analytics,  
SalesforceIQ, Stripe, Segment

## EDUCATION

### University of Waterloo

B.S. Computer Science  
Expected Grad: Apr 2020

### Relevant Coursework

- Operating Systems
- Algorithm Design & Data Structures
- Object-Oriented Software Development
- Computer Networks
- Database Management

## INDEPENDENT LEARNING

### Udemy.com

Advanced Data Structures and Algorithms

## LINKS

<http://cbreandan.github.io>

<http://linkedin.com/in/cbreandan>

<http://github.com/cbreandan>

## HOBBIES & OTHERS

Music - Violin, Piano, Guitar  
Competitive swimming  
Fluent in Mandarin and Cantonese

## WORK EXPERIENCE

### Web Development Intern | Solink

Jan - Apr 2018

Ottawa, ON

- Enhanced user productivity by redesigning how users interact with data tables using **AngularJS** and **CSS**
- Significantly improved app's loading speed for pages with large data sets from **~15 seconds** to **~2 seconds**

### Software Engineering Intern | DBRS

May - Aug 2017

Toronto, ON

- Participated in rebuilding organization's site using **AngularJS**, allowing 10k+ analysts to understand their business' credit rating visually
- Completed all required features and bug fixes in time for site launch

### Software Development Intern | Zensurance

Sept - Dec 2016

Toronto, ON

- Built a web application targeted for customers using **React**
- Refined sales funnel to improve lead conversion rate with Segment API

### Marketing Engineering | Hubdoc

Jan - Apr 2016

Toronto, ON

- Increased team's productivity by automating various sales and marketing processes using **Node.js**
- Designed and implemented metrics dashboard, allowing team to visualize data to make better business decisions

## PROJECTS

### WLP4 Compiler / Assembler

- Used **C++** to write a compiler and an assembler that converts WLP4 code (similar to C++) into machine code

### Eat'em Up

- Android application written in **Java** aimed to reduce food wastage
- Implemented a **Python** script to parse JSON data extracted from an online source