

Breandan Choi

Computer Science
cbreandan@gmail.com

EDUCATION

University of Waterloo

Bachelor of Computer Science
May 2020

Relevant Coursework

- Data Structures & Algorithms
- Object-Oriented Programming
- Computer Networks
- Database Management
- User Interfaces & Experiences
- Operating Systems

SKILLS

Languages

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

Web

Angular, HTML, CSS

Marketing & Others

- Experience creating, running, and optimizing profitable marketing campaigns on various ad platforms
- Google Ads, Microsoft Ads, Google Analytics

INDEPENDENT LEARNING

Udemy.com

REST APIs with Flask and Python

LINKS

<http://cbreandan.github.io>

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

HOBBIES & OTHERS

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

WORK EXPERIENCE

Web Development Intern | Solink

Jan - Apr 2019

Ottawa, ON

- Significantly improved app's loading speed for pages with large data sets from **~15 seconds** to **~2 seconds**; received **Outstanding Evaluation** from manager
- Enhanced app's user experience and productivity by redesigning how users interact with data tables using **Angular, TypeScript** and **CSS**

Software Engineering Intern | DBRS

May - Aug 2017 & Jan - Apr 2020

Toronto, ON

- Participated in rebuilding organization's site by developing features using **Angular** and **Typescript** that required optimizing code, ensuring a fast, reliable, and maintainable application
- Completed all high-priority features and bug fixes for site launch 3 weeks before the expected deadline, resulted in an **earlier rollout**; received **Excellent Evaluation** from manager

Software Development Intern | Zensurance

Sept - Dec 2016

Toronto, ON

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

Marketing Engineering | Hubdoc

Jan - Apr 2016

Toronto, ON

- Generated **100+ new leads daily** for marketing team by automating workflow of 5 manual tasks using **Node.js**
- Designed and implemented metrics dashboard, allowing team to visualize data to make better business decisions

PROJECTS

Software Design and Architecture Group Project

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

WLP4 Compiler / Assembler

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