Breandan Choi

3A Computer Science
cbreandan@gmail.com

SKILLS

Languages:
Java, C/C++, JavaScript, Bash

Web:
AngularJS, HTML, CSS

SaaS Tools:
SalesforceIQ, Stripe, Segment

EDUCATION

University of Waterloo
Bachelor of Computer Science
(2014 - Present)

Related Course Work:
- Operating Systems
- Algorithm Design & Data
  Abstraction
- Object-Oriented Software
  Development
- Data Structures & Data
  Management

LINKS

http://cbreandan.github.io
http://linkedin.com/in/cbreandan
http://github.com/cbreandan

INDEPENDENT LEARNING

Udemy.com
Advanced Data Structures and
Algorithms

HOBBIES & OTHERS

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

WORK EXPERIENCE

Web Development Intern | Solink   Jan – Apr 2018
Ottawa, ON
AngularJS
- Enhanced user productivity by redesigning how users interact with
  data tables
- Improved app's loading speed for pages with large data set from ~15
  seconds to ~2 seconds

Software Engineering Intern | DBRS   May – Aug 2017
Toronto, ON
AngularJS
- Software engineering on the internal credit rating system
- Participated in rebuilding organization's site, allowing 10k+ analysts
  to understand their business' credit rating visually

Software Development Intern | Zensurance   Sept – Dec 2016
Toronto, ON
JavaScript, Segment
- Designed, implemented, and tested an internal admin tool using the
  MERN stack and CSS
- Built a web application targeted for customers with React
- Refined company's sales funnel to improve lead conversion rate with
  Segment API

Marketing Engineering | Hubdoc   Jan – Apr 2016
Toronto, ON
Node.js, API (SalesforceIQ, Stripe)
- Automated various sales and marketing processes with APIs
- Developed scripts that increase company's sales opportunities
- Designed and implemented business metrics dashboard, allowing
  marketing team to make better business decisions

PROJECTS

WLP4 Compiler / Assembler
C++
- Converts WLP4 language (similar to C++) into machine language
- Implemented a symbol table to keep track of variable types/locations