



Brian Chen

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Software Engineer with 4+ years of competitive coding, software, web, and game development experience. Completed multiple personal, and collaborative projects on many platforms. Fluent in English and Mandarin.

Qualifications

- Experienced in software development and implementing efficient algorithms/data structures
- Fluent in C++, Java, Python, HTML/CSS, JavaScript, ASP, and Pascal
- Familiar with C, Shell, SQL, Bash, LISP, PHP, VBScript, MATLAB, and Assembly
- Work experience with Web development frameworks including ASP.NET and Ruby on Rails
- Project experience with Android Programming, XML, JSON, and Android Studio

Education

University of Toronto - Software Engineering

Honors Bachelor of Science (Co-Op), Class of 2020

2015 – Present

- Maintained cumulative 3.8 GPA, outstanding marks in Math and Computer Science courses
- Founded the Computer Science Enrichment Club – professional development and education

Professional Experience

Software Developer

Ivy Global, Toronto, Canada

July – September 2015

- Led the development of an interactive college placement and information site (collegegrid.com), as well as a real-time scoring and reporting tool for the new SAT (cloud.ivyglobal.com)
- Maintained and updated existing websites by updating databases, fixing bugs, and overhauling UI

Other Experience

President, Computer Science Enrichment Club

2016 – Present

- Student-run academic club located at the University of Toronto at Scarborough
- Responsible for all events, logistics, and operations of the club
- Taught advanced computer science topics including analysis of algorithms, dynamic programming, graph theory, data structures, and computational geometry

Computer Science Representative, AMACSS*

2016 – Present

- Departmental Student Association representing all students in a professional stream
- Organized and held several review seminars and office hours for midterms and finals

Recognition and Awards

1st Place	University of Toronto TORCH 2015 Operations Research Challenge
1st Place	2014 ECOO TDSB Board-wide and Regional Programming Contests
2nd Place	EdAppHacks 2014 Educational Hackathon
All Star	American Computer Science League 2014 at Colorado, USA
Top 25%	Canadian Coding Competition 2013, 2014, 2015

*Association of Mathematical and Computer Science Students