


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, Pascal, HTML/CSS, JavaScript, and ASP
- Familiar with C, Shell, SQL, Bash, LISP, PHP, VBScript, XML, and Assembly
- Working knowledge of Web development frameworks such as ASP.NET and Ruby on Rails
- Practical experience with Android development, JSON and Android Studio from projects

Professional Experience

Software Developer

Ivy Global, Toronto, Canada

July – September 2015

- Led the development of an interactive college placement and information site that dynamically matches students to colleges based on SAT scores (collegegrid.com)
- Developed a real-time scoring and reporting tool for the new SAT, featuring in-depth sectional analytics and suggestions for areas of improvement (cloud.ivyglobal.com)
- Maintained and updated existing websites by updating databases, fixing bugs, adding new functionality, and overhauling user interface

Other Experience

President, Computer Science Enrichment Club

2016 – Present

- Founded, promoted, led, and organized logistics of student-run academic enrichment 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

- Served as a liaison between Computer Science students and administrative staff/professors
- Organized and held several review seminars and office hours for midterms and finals

Education

University of Toronto - Software Engineering

Candidate, Honors Bachelor of Science (Co-op)

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

Achievements

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 TDSB 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