



Brian Chen

(647) 575 3660 | brianyc@gmail.com | Ontario, Canada

 Avarrocka |  brianyc | www.byc.me

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

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

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

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