

Brian Chen

SOFTWARE ENGINEER • WEB DEVELOPER

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Qualifications

- Experienced in software development and implementing efficient algorithms/data structures
- Proficient in C++, Java, and Python through multiple years of decorated sports programming
- Fluent with HTML, CSS, ASP, PHP, SQL, and AJAX through personal and professional experience
- Competent with C, UNIX/Linux systems, Shell script, VBScript, and TCP/IP Networking through relevant systems programming coursework and various personal projects

Professional Experience

Teaching Assistant

UNIVERSITY OF TORONTO

TORONTO, CANADA

2016 - PRESENT

- Taught CSCA08 – Introduction to Computer Science to a class of twenty undergraduate students
- Cemented students' understanding of variables, conditionals, classes, functions, iteration and recursion, unit testing and basic data structures through weekly tutorial sessions and office hours

Software Development Intern

IVY GLOBAL

TORONTO, CANADA

SUMMER 2015

- Led the development of a USA college placement and information site that dynamically predicts and matches students to viable colleges based on SAT scores and academic standing
- Developed a SAT test simulation tool for the new SAT along with writing hundreds of mock SAT questions. Featured score analysis by subsection and suggestions for areas of improvement
- Identified and fixed a particular server bug which had been reoccurring for over two years

Relevant Experience

President

COMPUTER SCIENCE ENRICHMENT CLUB

2015 - PRESENT

- Founded, promoted, led, and oversaw logistics for this student-run academic enrichment club
- Developed curriculum and taught advanced Computer Science topics including algorithms, runtimes, dynamic programming, graph theory, and data structures to over twenty students

Education

University of Toronto

CANDIDATE, HONORS BACHELOR OF SCIENCE

2015 - PRESENT

- Specializing in Software Engineering (Co-op) – Expected Graduation 2020
- Maintained cumulative 3.52 GPA, with excellent marks in Computer Science and Theory courses

Achievements

2015	1st Place	UofT – Toronto Operations Research Challenge (TORCH)
2015	1st Place	Marc Garneau Advanced Mathematics Contest
2014	1st Place	ECOO TDSB Board-wide and Regional Computer Programming Contests
2014	2nd Place	EdAppHack – MaRS Discovery District x TDSB Hackathon
2014	All Star	American Computer Science League Finals
2015	Hn. Mention	Ryerson University SportsHackWeekend Hackathon