Brian Chen

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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

Software Developer

Ivy Global, Toronto, Canada   2015-2016
- 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

Computer Science Representative

Association for Mathematical and Computer Science Students   2015 – Present
- Served as a liaison between Students and Administrative Staff to voice concerns. Advocated for and ultimately achieved revision to the Intro to Calculus curriculum to be more approachable
- Held weekly office hours to address key lecture ideas. Organized and hosted several review seminars for midterms and finals with over four hundred Computer Science students attending

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
- Recipient of University of Toronto's Arts and Sciences Entrance Scholarship worth $1,500

Achievements

2015	**1st Place**	UofT – Toronto Operations Research Challenge (TORCH)
2015	**1st Place**	Marc Garneau Advanced Mathematics Contest
2014	**2nd Place**	EdAppHack – MaRS Discovery District x TDSB Hackathon
2014	**All Star**	American Computer Science League at Colorado, USA
2015	**Honorable Mention**	Ryerson University SportsHackWeekend Hackathon
2013 - 2015	**Top 25%**	Canadian Computing Competition Senior Division