



# Brian Chen

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## Qualifications

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

## Professional Experience

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### 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 test simulation tool for the new SAT, featuring score analysis by section and suggestions for areas of improvement with mock questions for all major SAT sections
- Identified and fixed a particular server bug which had been reoccurring for over two years

## Relevant Experience

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### President

*Computer Science Enrichment Club*

*2016 – Present*

- Founded, promoted, led, and oversaw logistics of 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*

*2016 – 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 topics. Organized and hosted several review seminars for midterms and finals for over four hundred Computer Science students

## Education

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### 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

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