



# Brian Chen

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 Avarrocka |  brianyxc | [www.bynec.me](http://www.bynec.me)

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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

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- Experienced in software development and implementing efficient algorithms/data structures
- Fluent in C++, Java, Python, HTML/CSS, JavaScript, and ASP, gained through work experience
- Familiar with C, Shell, SQL, Bash, LISP, PHP, VBScript, and XML from project experience
- 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

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### 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](http://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](http://cloud.ivyglobal.com))
- Maintained and updated existing websites by updating databases, fixing reoccurring server bugs, adding new functionality, and overhauling user interface

## Relevant Experience

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### 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

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### University of Toronto – Specialist in Software Engineering

*Candidate, Honors Bachelor of Science (Co-op)*

*2015 – Present*

- Maintained cumulative 3.82 GPA, outstanding marks in Math and Computer Science 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>	University of Toronto TORCH 2015 Operations Research Challenge
<b>1<sup>st</sup> Place</b>	2014 ECOO TDSB Board-wide and Regional Programming Contests
<b>2<sup>nd</sup> Place</b>	EdAppHacks 2014 TDSB Educational Hackathon
<b>All Star</b>	American Computer Science League 2014 at Colorado, USA

\*Association of Mathematical and Computer Science Students