Brian Chen
Software Engineer

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Education   2015-2020

University of Toronto
Honors Bachelor of Science
Program of Study
Software Engineer (Co-op)
GPA 3.80/4.00
Course Work
Systems Programming
Software Design
Theory of Computation
Discrete Mathematics
Linear Algebra

Languages

C
C++
HTML/CSS/JS
Python
Java
Shell/Bash
SQL
PHP
XML

Design

UX/UI Design
Typography
Photoshop

Other

Agile Methodologies
Android
Algorithms
ASP.NET
Git/Source Control
Node.js

Professional Experience

Software Developer at IvyGlobal Education   SUMMER '15 – FALL '15

Led the development of an interactive college placement and information site (collegegrid.com)

Developed a real-time scoring and reporting tool for the new SAT, featuring in-depth sectional analytics (cloud.ivyglobal.com)

Maintained and updated existing websites by updating databases, fixing bugs, adding new functionality, and overhauling user interface

Other Experience

President, Computer Science Enrichment Club   SPRING '16 – 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   SPRING '16 – PRESENT

Served as a liaison between Computer Science students and administrative staff/professors addressing ideas and concerns

Organized and held several review seminars and office hours in preparation for midterms and finals

Projects

IvyGlobal Classroom, a virtual classroom   SUMMER '15 – FALL '15

Created intuitive, user friendly interface for virtual classroom using CSS, HTML, and JavaScript (classroom.ivyglobal.com)

Worked with SQL tables, AJAX, JQuery, and ASP to a scalable educational platform that supports interactions between over 100 instructors and students monthly.

OneMark, a grade consolidation app   WINTER '14

Interfaced with APIs to collect raw mark data from various websites (Blackboard, Desire to Learn, Personal sites)

Aggregated data, provided timeline of marks and graphical representation of mark progression over time and evaluations.