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
Java
Shell/Bash
SQL
PHP
Python
XML

Design

Photoshop
Typography
UX/UI Design

Other

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

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 and consolidate raw mark data from various websites (Blackboard, Desire to Learn, Personal sites)

Aggregated and analyzed data, creating a timeline of marks to represent mark progression over time and through various evaluations