

jeffreyyxiao

software engineer

contact

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skills

C++, Java, Python, HTML
CSS, PHP, Javascript, jQuery
ASP, Meteor, SQL, R, MATLAB
Octave, LaTeX, Machine Learning
Data Structures, Algorithms

certifications

Certified Java SE 6 Programmer
Introduction to Logic by *Princeton*
Algorithms I & II by *Princeton*
Introduction to Python by *MIT & HMC*
Algorithms I & II by *Stanford*
Machine Learning by *Stanford*
R Programming by *Microsoft & JHU*

programs

Shad Valley 2015
Waterloo Unlimited 2015

awards

Silver Medalist in Canadian
Computing Olympiad 2015
Platinum Division in USA
Computing Olympiad 2015
Duke of Edinburg Gold
Standard 2015
Chris Shaw Award in
Computer Science 2014
Michael Pincus Award in
Mathematics 2013

education

Sep 2010 - Jun 2016 **High School** University of Toronto Schools

experience

Nov 2015 - Current **Ivy Global** Toronto, Ontario
Web Developer
Developed a web application that displays SAT scores and statistics for mock exams in real time. Used ASP and SQL.

Aug 2014 **H.H. Angus and Associates** North York, Ontario
Intern
Researched floor and room designs for Centre Hospitalier de l'Universite de Montreal. Used CADD software to design an architectural model. Reported any discrepancies between 3D model and client specifications.

Sep 2014 - Current **Creativity Through Arts** Markham, Ontario
Operations Executive
Responsible for the logistics and sponsorships behind events. Taught a web development course for high schoolers (*creativitythrougharts.com/ctc*). Currently managing website and blog.

Sep 2013 - Current **UTS Programming Club** Toronto, Ontario
President
Created information sheets and lectures on various topics in discrete mathematics. Cohosted a contest: *dmoj.ca/contest/utsopen15*

projects

Jan 2016 **SwagMusic.js** Hack UofT
github.com/xelendt/swagmusic.js
3D model that dances to music. Built with WebGL and Web Audio API.

Nov 2015 **In The Loop** Hack Western
github.com/jeffrey-xiao/in-the-loop
AngularJS application and Python backend that aggregates current news information based on keywords in live time.

Sep 2015 **WhizBridge** Hack the North
github.com/jeffrey-xiao/WhizBridge
Web and iOS application that provides a buyer-oriented marketplace for tech support. Built with PHP and Swift.

Aug 2015 **Resistora** Tech Retreat
github.com/iburinoc/resistora
Android application that determines the resistance of various resistors using the camera and a custom image analysis algorithm.