

# jeffreyyxiao

software engineer

## contact

78 Alysha Way  
Maple, Ontario, Canada  
L6A0E5

(647)-919-3171 ☎  
(905)-553-1136 📠

jeffrey.xiao1998@gmail.com ✉  
jeffrey-xiao.github.io 🏠  
github.com/jeffrey-xiao 🔄  
devpost.com/jeffreyyxiao 🔗

## 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'Université 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.