

Simon Zhang

simonkhzhang@gmail.com
simonkhzhang.me • github.com/skhzhang

Sept 2013 – Apr 2017

Education

Queen's University, Kingston, ON
Bachelor of Computing (Honours) in Computer Science (CSCI-P-BCH)
Cumulative GPA: 3.40 / 4.30, Dean's Honour List (2014-2015)

Relevant coursework:

- Programming Lang Processors
- Algorithms I, Data Structures
- Software Quality Assurance
- Performance Analysis

Relevant extracurriculars:

- Queen's Software Developers Club
- Queen's Network Security (NetSec)

Technical Skills

Languages, Frameworks, and Libraries

Proficient:

HTML, CSS, JavaScript, Java,
Python, PHP, React, NodeJS, jQuery

Familiar:

AngularJS 1.X, Django, C, C++, MySQL

Operating Systems

Windows, MacOS, Linux/UNIX

Miscellaneous

Git version control,
Bash shell scripting

Relevant Experience

Review Board (reviewboard.org), remote Jan 2017 – Apr 2017
Student Contributor (UCOSP winter 2017)

- developed features and code fixes using open source practices with a high degree of code quality
- conducted formal code reviews; provided status reports, code drops, & attended weekly meetings
- back-end experience with Python, Django; front-end with JavaScript, LessCSS, Backbone.js
- performed independently while also maintaining constant communication with team members
- strengthened organizational skills by maintaining comprehensive notes and structured workflow

Queen's University, Kingston, ON

Teaching Assistant (CISC/CMPE 320 Fundamentals of Software Development) Sept 2016 – Dec 2016

- mentored and advised student teams, helping them achieve their project team goals
- gained project time management experience from overseeing multiple concurrent project teams
- ensured all 5 project teams stayed on schedule; provided them with constant support & feedback
- marked project team deliverables and C++ assignments for 30+ students

Teaching Assistant (CISC 260 Programming Paradigms)

Jan 2017 – Apr 2017

- exercised code inspection skills by marking Haskell and Prolog assignments for 30+ students
- strengthened proficiency in functional and logical programming

Kingston Frontenac Public Library, Kingston, ON

Jan 2016 – Mar 2016

CoderDojo Mentor

- taught children one-on-one about basic coding and programming fundamentals
- simplified programming technicals to easily comprehensible language for children
- practiced flexibility by adapting lesson plans to suit particular student skillsets, needs, & interests

Full work history available at [linkedin.com/in/skhzhang](https://www.linkedin.com/in/skhzhang)

Relevant Projects

Hearthstone Randomness Probability Calculator – on-going Dec 2016 – present

- React web app allowing easy probability calculations of random elements in card game
- full-stack project – from JSON API calls to data manipulation to website design
- self-taught independent work developed in personal spare-time

Visual iTunes (simonkhzhang.me/projects/visual-itunes.php)

Feb 2016

- developed in 24 hour timespan at McGill University McHacks 2016 hackathon
- JavaScript application illustrating statistics about user iTunes library using XML data

Queen's Chess Club (queensuchess.com)

Oct 2015

- PHP website built using accumulated skillset, self-teaching new skills where necessary
- worked with client to develop & design website tailored to their needs
- website designed mobile-first; includes use of Google Maps Embed API and Flexslider jQuery plugin

Full project list and more details available at simonkhzhang.me and github.com/skhzhang