

Joshua Ching

Systems Design Engineer, University of Waterloo

joshuaching.me
github.com/joshuaching
ca.linkedin.com/in/joshuaching
jyching@uwaterloo.ca

Technical Skills

- Proficient at Front-End Web Dev and Android Dev
- Experienced with HTML, CSS, JavaScript, Java
- Familiar with C++ and Arduino Dev
- Worked with jQuery, NodeJS, Socket.io, D3.js
- Comfortable with Bash, Git, SVN, Vagrant, JIRA, Drupal CMS, OmniGraffle

Technical Experience

Web Developer and Themer

Aug 2014 - Dec 2014

Ontario Institute for Cancer Research

- Developed web pages with HTML, CSS, JavaScript for Principal Investigators
- Documented, extended, and integrated client-side JavaScript APIs with web applications
- Organized and led team of 3 to provide technical training for 4 new employees

Web Developer and Themer

Jan 2014 - Apr 2014

Ontario Institute for Cancer Research

- Implemented email and static templates with HTML and CSS
- Designed wireframes and mock-ups with OmniGraffle according to requirements
- Supported 4 websites simultaneously with Drupal's Content Management System
- Conducted thorough tests enabling team to produce higher quality software
- Provided web software training and usability reviews to clients, staffs, and stakeholders

Android Developer

Sep 2014 - Present

Knowledge Makes Cents

- Built Front-End prototype of Android application for money management
- Analysed client's goals to define technical requirements and designed for possible solutions

Projects

Mini Brawl, In Progress

<https://minibrawl.herokuapp.com>

A multiplayer online web game that allows users to compete in real time

- Tools: NodeJS, Socket.io, Canvas, Javascript

jPlayer

<http://joshuaching.me/jplayer>

An Android application that allows users to browse their music without touching their device

- Tools: Android

4 Squares

<http://joshuaching.me/4squares>

An Android game that challenges the user's reaction to colours. Developed in 3 days

- Tools: Android

Browser Text

<https://github.com/JoshuaChing/BrowserText>

An Android application that allow users to send a text via the desktop web browser

- Tools: Android

Education

Candidate for Bachelor of Applied Science

Sep 2013 - Present

Honours Systems Design Engineering, University of Waterloo

Hobbies and Interests

Breakdancing, guitar, drums, and ultimate frisbee