Jacob Chan

Systems Design Engineering

jkcchan.me
github.com/jkcchan
jkcchan@uwaterloo.ca
416 455 1280

SKILLS

Languages: C++, PHP, Java (Android SDK), JavasScript, Ruby, Rails, MySQL, HTML/CSS, Sass, jade
Libraries, Platforms and Frameworks: AngularJS, jQuery, Bootstrap, Node.js
Tools: Git, Adobe Creative Suite, Drupal, Linux, Omnigraffle, Balsamiq

EXPERIENCE

Ontario Institute for Cancer Research
Web Developer
Jan 2015 - Apr 2015

Implemented backend CMS efficiency features on genomicsandhealth.org. Acted as a liaison between the web development team and clients which led to new features and designs for the website. Deployed LAMP servers and configured local dev environments on Mac OSX Machines.

Skills: PHP, JavaScript, Linux (LAMP), Git, HTML/CSS, Drupal, JIRA/WIKI

Autism Teenage Partnership
Web Developer
May 2014 - Present

Designed and developed the official website (autismteenagepartnership.org). Architected secure storage of sensitive client data and distribution of public information.

Skills: AngularJS, Sass (CSS), jade (HTML), Git, jQuery, JavaScript

Agincourt Music Council
Vice-President
Jun 2013 - Jun 2014

Led many initiatives, including: managing 30 student leaders in a 4 day retreat for over 300 junior students and coordinating all fundraising activities for over 150+ people (e.g. Fall 2012, $11,000 raised).

Skills: Project Management, Public Speaking, Networking Skills

PROJECTS

Productivity Pal
Hack Princeton
Apr 2015

Mobile app aimed at increasing productivity between roommmates. Understood needs and design heuristics to deliver mockups and wireframes, developed assets for our Android client.

Skills: Java (Android SDK), UI/UX Design, Product Management

Autism Teenage Partnership - Official Website
Mar 2015

Acted as the sole designer/developer on the website. In contact with the clients to understand their needs, create mockups/wireframes, and then to develop the solution.

Skills: AngularJS, Sass (CSS), jade (HTML), Git, jQuery, JavaScript

INTERESTS

Jamming on the uke, singing in the shower, ultimate frisbee intramurals, competitive super smash bros., admiring modern design, board games

EDUCATION

Honours Systems Design Engineering (Co-op), Class of 2019
Courses Include: Digital Computation (C++), Human Factors in Design (UI/UX), Digital Systems (Arduino)