

Zhihao Jia

 zhihaojia.com •  github.com/zhihaojia

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Skills

Ruby

Rails
RSpec
Konacha

JavaScript

Backbone.js, Angular.js, Mustache
jQuery, jQuery UI, Underscore.js, Bootstrap
Jasmine, Mocha, Chai, Konacha, Sinon.js

Web Design

HTML5
CSS3, SASS

Tools

Vim, Sublime Text
Git, Mercurial, SVN

Experience

Twitter

Software Engineer Intern

Aug 2013 - Dec 2013

- Part of the Ads ROI (Return On Investment) team.
- Worked on providing more advanced ad analytics, decrease CPI, and increase conversion rates of ads.

Copious

Software Engineer Intern

Jan 2013 - Apr 2013

- Worked on key features of the online social marketplace, including infinite scrolling, listing modals, custom typeaheads, and browser URL/history management.
- Implemented a system used to handle social content in comments, such as @mentions and #hashtags.

SkyWave

Software Developer

Apr 2012 - Aug 2012
Aug 2011 - Dec 2011

- Primary developer responsible for building a new company-wide, internal issue management system from the ground up.
- Developed plugins for integrating multiple version control systems with the internal issue management system.
- Maintained and enhanced the internal product admin, data tracking, and issue management websites.

IBM Canada

Technical Analyst

Jan 2011 - Apr 2011

- Tested, troubleshooted, and wrote publicly-visible documentation for the Cognos 8 BI (Business Intelligence) product.
- Provided technical support for live production, development, and test systems.

Ramsoft

Software Quality Assurance Specialist

May 2010 - Aug 2010

- Tested, troubleshooted, and wrote documentation for RIS/PACS software solutions.

Projects

ColorHack

Javascript

Sep 2012 - May 2013

- Provides a GUI for dynamically changing element colors and developing color schemes from the browser.
- Useful for quickly designing and prototyping web pages.

OS/161

C & Assembly

Sep 2012 - Dec 2012

- Group: Jasper Berrington, Tanpreet Grewal, Zhihao Jia.
- Simple operating system based on OS/161 from Harvard University.
- Added functionality include kernel synchronization mechanisms, system calls, exception handling, PID management, virtual and physical memory management (TLB, page loading, page replacement, etc.).

SimpleCanvas

HTML5 & JavaScript

Apr 2012 - Aug 2012

- Web painting application using the HTML5 canvas element, with limited undo/redo functionality.
- Challenge: provide functionality similar to common paint apps using only one canvas element.

Education

University of Waterloo

Bachelor of Computer Science

Sep 2009 - Apr 2014

- Enrolled in the Honours Bioinformatics Option.

Interests

Diversions

UI
UX
Music
Reading
Table tennis
League of Legends

News

Hacker News
TechCrunch
Mashable!
Wired
VentureBeat
GigaOM

Stack Overflow

HTML
CSS
JavaScript
jQuery

Books

The Pragmatic Programmer
The Design of Everyday Things
Don't Make Me Think