

# Zhihao Jia

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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 projects to provide 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 - Present

- 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

Candidate for Bachelor of Computer Science

Sep 2009 - Apr 2014 (Expected)

- 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*