

# JERRY CHEUNG

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## Work Experience

### Software Engineer

*Intridea Inc.* <http://www.intridea.com/>

Washington DC  
May 2010 - Present

- SocialSpring payment processing with Chargify.
- Bolstr crowdsourced small business funding.
- SocialCode social media analytics and dashboard.
- SocialVolt social media analytics and dashboard.
- Avascent client dashboard with Ruby on Rails, MySQL, Highcharts, BlueBox Group.
- Pharmmd medical therapy management with Ruby on Rails, EngineYard, MongoDB.
- FortiusOne Mobile Analytics Platform with Ruby on Rails, REST API.
- FortiusOne IssueMapper with Ruby on Rails, CSV geodata upload to map creation with Geo-Commons.
- MongoDB analytics platform.
- Mashable Mac client.

### Co-Founder

*Outspokes Inc.* <http://www.outspokes.com/>

Oakland, CA  
September 2009 - April 2010

- Design and implement Javascript and CSS conflict-free widget that lives on arbitrary pages.
- Bookmarklet to test drive Outspokes on sites you don't control.
- Ruby on Rails backend to persist changesets created via the widget.
- QUnit testing, selenium testing.
- Interviewed with YCombinator, winter 2009.
- Marketing through Twitter, Facebook, LinkedIn, and other social media sites.
- Sales to local web consulting firms.

### Ruby on Rails Software Engineer

*Coupa Software Inc.* <http://www.coupa.com/>

San Mateo, CA  
July 2008 - September 2009

- Agile development practices with scrum methodology, and 6-week sprints.
- Implement budgeting module for purchase orders and invoices across multi-segment accounts.
- Optimize existing tools for managing bulk upload of data.
- Built email system for managing supplier reviews.
- Rewrote and extended existing XML API for 3rd parties.
- Integrated product with Quickbooks APIs.
- Coupa Supplier Network catalogs: push and approve catalogs managed by suppliers across applications.
- Home page logic and design for Coupa wizard.
- Visualization work of approval chains with Graphviz.
- Maintain data and procurement services for over 50 clients including Salesforce and Nvidia.
- Optimization of application: cut deployment time, increase application startup speed, clean up deployment, etc.

### Software Engineer

*Application Services, Residential and Student Service Programs-IT*

Berkeley, CA  
November 2007 - May 2008

- Perl systems for managing network usage in residence halls.
- Implement Network Access Control (NAC) Web Application with Catalyst framework, Template Toolkit to authenticate and manage connecting network users.
- Built Ruby on Rails calendar and access control component for Office of Student Development.

### Web Application Developer

*IBM : Extreme Blue - pSyfun Search Services Project*

Austin, TX  
May 2007 - August 2007

- Implemented search solution for internal IBM use.
- Developed set of RESTful HTTP web services enterprise search solution using J2EE (servlets and JSPs), Websphere Application Server, DB2, and Dojo.
- Created service to search and aggregate results from different search engines: Dogear, Bluegrass, Omnifind (Lucene-based).
- Created service to re-order aggregated results using community metadata such as tags, comments, ratings, and other fields.
- Project presented before CEO Samuel Palmisano in IBM headquarters.

- Project was deployed on IBM's intranet, and later included into Lotus Suite.

**Computer Assistant**

Albany, CA

*USDA Pacific Southwest Research Station*

June 2004 - August 2006

- Assisted in building publication entry and search system with PHP for transition website for Center for Urban Forest Research.
- Extended existing Perl scripts for generating researchers' publication information.
- Assisted migration of existing web content into new templates.

**Technical  
Expertise**

**Languages** Javascript, Ruby, Perl, Python, Java, C, Coffeescript, Scheme, L<sup>A</sup>T<sub>E</sub>X, PHP, SQL

**Databases** PostgreSQL, MySQL, MongoDB, SQLite3

**OS** Linux, Mac OS X, Windows

**Frameworks** Rails, JQuery, QUnit, Selenium, J2EE (JSP, Servlets), JUnit, Rspec, Test::Unit, Catalyst, Prototype (javascript), Scriptaculous, Dojo

**Tools** SVN, git, gdb, make, ant, maven, TWiki, Bugzilla, mutt

**Web servers** Apache, Passenger, Apache Tomcat, Websphere Application Server, Mongrel

**Education**

**University of California, Berkeley**

B.A. Computer Science May 2008.