850 South Rosemead Blvd Apt 10
Pasadena, CA 91107

# XIN CHEN

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## EMPLOYMENT

**Front-end Software Engineer**  **Spokeo, Inc**  **Apr 2013 - present, Pasadena**
Ruby on Rails, Homepage, account and mobile pages, Bookmark tool.
- Built Homepage, user account and the mobile (responsive) pages for Spokeo main website.
- Implemented the bookmark & history tool with jQuery and module pattern (unobtrusive and object-oriented).
- Working in small and dynamic teams, in both front-end and back-end with Ruby on Rails.

**Front-end Software Engineer, intern**  **Laserfiche Corporate**  **June 2012 - Sept 2012, Long Beach**
XPath Builder, HTML5 Canvas
- Implemented the jQuery dialogs and HTML5 Canvas interfaces with KineticJS framework.
- Designed and built the XPath builder tool in Laserfiche Form product with JS module pattern and RegExp.
- Reported and cleared over 100 bugs for Form product.

**Webmaster**  **University of California, San Diego**  **Sept 2011 – Mar 2013, La Jolla**
Php, Photoshop
- Optimized Recreation Department website (sportsclubs.ucsd.edu) by adding video and photo flow tools.
- Supported more than 25 sports teams on team building and organization.

**Applications Engineer, intern**  **National Instruments Corporation**  **Dec 2010 - June 2011, Shanghai**
Problem solver, team worker and fast learner
- Fast learner and Supported more than 250 technical problems about NI products for over 100 customers.
- Software programming (LabVIEW, C, C++), hardware configuration (PXI/PCI buses, FPGA, etc).

## EDUCATION

**La Jolla, CA**  **University of California, San Diego**  **Sept 2011 – Mar 3013**
- M.S. in Electrical and Computer Engineering, Mar 2013. GPA: 3.4.
- Graduate Relative Coursework: Advanced Data Structures · Design & Analysis of Algorithm · Server-side Web Applications · Embedded Computing · Statistic Learning · Digital Image Processing · Database Principle.

**Shanghai, China**  **Shanghai Jiao Tong University**  **Sept 2007 - Feb 2011**
- B.S. in in Electrical and Computer Engineering, Feb 2011. GPA: 3.7.
- Undergraduate Relative Coursework: Computer Networks · Computer Organization · Programming & Data Structures · Boundary Value Problems for Partial Differential Equations · Probabilistic Methods in Engineering.

## TECHNICAL EXPERIENCE

**Projects**
- **Search engine based on tags and social relations** (present). Working on a search engine project based on data from user bookmarks analysis. Ruby on Rails, Javascript, Sphinx.
- **Phone app that takes photos and posts to drupal website** (2012). Create a phone app with Appcelerator Titanium platform that work on iphone, which talks to drupal REST server. Javascript, HTML, Php.
- **Maze game and vending machine solver** (2012). Create and implement the solver for a maze game and stamp vending machine game by applying disjoint subset, priority queue and dynamic programming algorithm. C++.

## AWARDS AND CERTIFICATES
- **Honeywell Innovators Scholarship:** Selected by Honeywell globally from their best interns.
- **Certified LabVIEW Associate Developer:** Granted by National Instrument (SN: 100-311-1085).

## Languages and Technologies
- Proficiency in multi-client environment programming with JavaScript (native or JS frameworks like jQuery and Prototype), CSS, HTML, Ruby, Rails MVC, Ajax; Familiarity with mySQL, JSP, PHP, RegExp and responsive design.
- Understand Git and SVN source control, Apache server configuration and used to scrum agile management.
- Worked with RubyMine IDE, Sublime, Textmate, Vim editors. Familiar with Linux environment.