

EMPLOYMENT

Front-end Software Engineer	Spokeo, Inc	Apr 2013 - present, Pasadena
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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.
- Worked in small teams and in both front-end and back-end with Ruby on Rails.

Front-end Software Engineer, intern	Laserfiche Corporate	June 2012 - Sept 2012, Long Beach
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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
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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
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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 2013
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- 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
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- B.S. 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

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- **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.