

# Allan C. Lin

<https://aclin.github.io>

<https://github.com/aclin>

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## Skills

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**Web:** HTML5, CSS3, JSP

**Frameworks/Tools:** Bootstrap, jQuery, Sass, Underscore.js, Backbone.js, Memcached, Spring Framework, React, Redux, Node.js

**Programming Language:** JavaScript, Java, Python

**Database:** MongoDB, MySQL

**Version Control:** Git

## Professional Experience

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**Software Engineer - GlimpzIt** (<https://www.glimpzit.com>)

**May 2014 - Present**

- Built all of GlimpzIt's web presence from conceptualization, all prototypes, to the current client-facing product
- Developed the GlimpzIt analytics and data visualization dashboard, leveraging Google Charts and D3.js
- Created client-side data filtering and tagging logic that lets clients generate custom segmentations of their data
- Established brand-consistent CSS for responsive UI across all products using Bootstrap, Sass and CSS3
- Architected and implemented a data import tool using Backbone.js for clients to import their own data, greatly reducing customer support involvement
- Build and maintain REST-ful API on Java Spring Framework, leveraging Memcached for server-side caching
- Collaborated in architecting GlimpzIt's machine learning technology involving convolutional neural networks using Lasagne

**Android Application Developer - EnrichLA**

**December 2013 - May 2014**

- Worked directly with EnrichLA founder to build an internal Android application for EnrichLA personnel
- Leveraged Android device GPS to find closest EnrichLA sites and contacts belonging to the site
- Integrated Zoho Creator API to do customized searches from remote Zoho CRM records on Android devices

**Research Assistant, M.Sc. Candidate in Computer Science**

**September 2011 - August 2013**

**- National Taiwan University, Mobile and HCI Research Laboratory**

- Built a location-based reporting and mapping system mobile application for faster reclamation and humane treatment of stray and lost animals
- Authored and led the programming of a study on doctors' usage and mobility patterns of a mobile electronic medical record (EMR) application on the iPad to research the increase in efficiency of using EMRs
- Co-programmed and co-designed a restaurant Point-of-Service (POS) application prototype on the iPad
- Built an Android application that gamifies alcohol rehabilitation for rehab patients, and sends test results online for doctors to monitor patient progress, leveraging Bluetooth and gas sensor technologies

**IT Specialist - IBM WebSphere Software Group**

**October 2006 - December 2009**

- Led WebSphere Portal upgrade from version 5 to 6, and migration of all data
- Performance tuned WebSphere Portal CMS improving efficiency for administrators
- Developed and deployed curriculum developer tools as JSP servlets available internally worldwide
- Maintained up-to-date web content for WebSphere Internal Education website

## Education

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**University of California, Berkeley** - B.A. Applied Mathematics, 2008

**National Taiwan University** - M.Sc. Computer Science (Human-Computer Interaction), 2013