

# Jimmy Chen

## Contact Information

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Phone: 720-209-8948

Email: chen.s.jimmy@gmail.com

LinkedIn: <https://www.linkedin.com/pub/jimmy-chen/79/398/a34>

## Education

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Major: Computer Engineering  
University of Illinois at Urbana Champaign

**Graduated: December 2015**

## Objective

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Dedicated and motivated computer engineering graduate with ample industry experiences and technical expertise, from several prior internships, seeking a software developer position.

## Technical Skills

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### Web Development

- **HTML5, JavaScript**
- Model View Controller Framework
  - Backbone
  - Angular
  - React.js
- jQuery, AJAX
- GUI Technologies
  - jQueryUI
  - BootStrap
  - CSS, SASS, LESS

### Software Engineering Toolbox

- **Java, Ruby, Python**
- Data Structures (Linked list, Array List, Hash Map, Tree, etc.)
- OOP Fundamentals (polymorphism, inheritance)
- Dependency Management (Gradle, Maven, Ant)
- Unit Testing (JUnit)
- Design Patterns (factory, singleton, adapter)

### RESTful Services

- **Databases (MYSQL, Oracle, IBM DB2)**
- XML, JSON serialization (GSON, Jackson)
- Java Servlets (Jersey, RESTEasy, Spring)
- Node.js
- HTTP/HTTPs
- PHP

### Low Level Programming

- **C, C++, Assembly (x86, MIPS)**
- Embedded Systems
- Threading / Parallel Processing
- Memory Management
- Drivers
- Operating System Programming
- Control Systems

### Source Control / Development Environments

- Operating Systems (Windows, MacOSX, Linux)
- Eclipse, IntelliJ, XCode
- Version Control (GIT, Subversion, Perforce)
- Android, iOS

## Job Experience

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### Internship at Ricoh

Summer 2015

I created a web application (UI and back-end restful services) to monitor and customize parameters related to Ricoh's print queues and jobs. The web application was created by creating small customizable sub-components and combining them together. Some of the tools I used were Selenium, for integration testing; Mocha and Chai, for unit testing, Grunt, for general web building tools; jQuery, for general actions and commands; and backbone marionette for MVC environment.

### Internship at Ricoh

Summer 2014

I created a mobile application and server to add a new distribution channel for Ricoh costumers. The mobile application had to be easily customizable and skin-able for Ricoh's many customers and adapt between Android and iOS. The REST back-end server additionally had to accommodate diverse user interactions. Some of the tools I used were Jackson, for json and java object conversion; Jersey, for rest services; JUnit for unit testing; and Gradle, for building and dependency management.