

Jimmy Chen

Contact Information

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Education

Major: Computer Engineering
University of Illinois at Urbana Champaign

Graduated: December 2015

Objective

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

Technical Skills

Web Development

2-4 years of experience

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

Software Engineering Toolbox

2-4 years of experience

- **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

2-4 years of experience

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

Low Level Programming

1-3 years of experience

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

Source Control / Development Environments

2-4 years of experience

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

Job Experience

Ricoh Internships

2014-2015

Throughout my internships at Ricoh, I have worked with a wide variety of web technologies and learned the full web development stack whether it be REST services with JAXRS and jersey or front end with bootstrap and angular. In particular in my internships though, I built a fully functional mobile application to help add another distribution channel and viewing of Ricoh Customer's documents; and a fully functional web application to monitor custom job workflows. For the front end web applications, I used 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.

Software Developer at Ricoh

2016

After I graduated I continued working at Ricoh as full time software developer as part of the RPD Base Team. The RPD base team in Ricoh works to maintain and develop Ricoh's print workflow software. One of the projects I worked on was the web services enablement project. The web services enablement project is a series of tasks that allow interaction with SOAP and REST services as part of Ricoh's print workflow.