

Jaemin Jin

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Experience

A9.com (Amazon Subsidiary) - Software Engineer Intern

January - April 2015

Worked on critical backend components for adding new SolrCloud version 5.0 to Amazon CloudSearch. Pioneered a new feature that implements Amazon SNS and Lambda to notify customers about the status of their Elasticsearch snapshots.

Technical Environment: Python, Java, Apache Solr, Elasticsearch, AWS, Unit test, Integration test

Apple Inc. - Software Engineer Intern

April - August 2014

Full ownership and responsibility over building a Java-based internal tool on Siri development platform. Enhanced regression testing and introduced automation to eliminate core part of manual engineering process. Worked on Siri's natural language processing pipeline.

Technical Environment: Java, Natural Language Programming

Apple Inc. - Software Engineer Intern

August - December 2013

Full-stack development on a large-scale web application responsible for the localization of data. Wrote Ruby scripts to perform lexical analysis and review data accuracy for various localizations with different guidelines.

Technical Environment: Ruby on Rails, Backbone, Leaflet, CoffeeScript, Slim, PostgreSQL

Xtreme Labs (acquired by Pivotal Labs) - Agile Engineer Intern

March - May 2013

Developed various iOS applications for iPhone and iPad. This featured a sophisticated user interface, HTTP web services integration, and Ads injections. Built a chrome extension to perform and display analytics on internal projects.

Technical Environment: Chrome Extension Development, JavaScript

UXP Systems Inc. - Software Engineer Contractor

January - February 2013

Restructured the frontend of SmartTV web application by converting SVG to HTML with Handlebars templates. Improved the overall user experience by utilizing jQuery and CSS3 animations.

Technical Environment: jQuery, Handlebars, SVG, CSS3

Xtreme Labs (acquired by Pivotal Labs) - Agile Engineer Intern

June - September 2012

Built the frontend for WeightWatchers mobile web application. Refactored Ruby on Rails backend and fixed various frontend issues for Cinplex mobile web application. Followed agile development methodologies, practised pair programming and test-driven development.

Technical Environment: Backbone, Ruby on Rails, CoffeeScript, HAML

Gijit (discontinued) - Software Engineer Intern

May - June 2012

Developed an analytics tool to measure traffic and assess user behavior.

Technical Environment: PHP, Yii, MySQL, jQuery, HTML, CSS

Bank of Montreal - Web Developer Intern

August - December 2011

Project lead on Nesbitt Burns portfolio automation system, used by hundreds of financial managers across the company. Developed an online registration system for internal events. Designed and implemented an online "Commercial Loan Insurance Plan" calculator.

Technical Environment: ASP.NET/C#, SQL Server, JavaScript, HTML, CSS

Skills

Languages	Python, C++, Java, JavaScript, CoffeeScript, Ruby, Objective-C, Swift
Frameworks	Rails, Apache Solr, Node, Backbone, Leaflet, D3, jQuery, iOS
Tools	AWS, Sublime Text, Vim, Git, Tmux, IntelliJ, Xcode, Visual Studio, Unix

Education

University of Waterloo - Bachelor of Software Engineering

September 2010 - April 2016

Former resident at Velocity (startup incubator). Worked on building a real-time operating system for an embedded ARM motherboard. Built a compiler for a small subset of C++. Developed a card game in C++ by following OOP principles and MVC patterns.