Christopher Kim

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Objective   To join a software team where I will be able to use my experience and interpersonal skills to solve problems and accomplish any tasks assigned to me.

Experience

FastSpring - Santa Barbara, CA   Role: Software Engineer   Jun 2015 – Present
- Full stack web development, primarily with a focus on backend development using the JavaServer Faces framework, and Postgres and DynamoDB as database management systems
- Spearheaded the switch to an agile software development process for our team: implementing feature branching, migrating from Kanban to Scrum, and switching issue tracking software from Asana to JIRA
- Managed our software using AWS services like EC2, DynamoDB, RDS, etc.
- Wrote **SOME SERVICE** using Node.js and Express
- Developed functionality for our order session builder and subscriptions features and API
- Decoupling our frontend and backend (implementing ajax calls to the backend that respond with viewdata that gets rendered on the frontend)

iCRco - Goleta, CA   Role: Software Developer Intern   Jul 2014 – Nov 2014
- Performed software development and testing on applications for medical imaging devices using Java, JavaFX, JUnit, and TestComplete
- Collaborated with the software team in typical agile development practices
- Heavily focused on test driven development using JUnit for unit testing throughout the software development cycle
- Designed a webcam application using the OpenIMAJ library and JavaFX

Earth Research Institute - Goleta, CA   Role: IT Student Assistant   Jan 2012 – Mar 2013
- Primarily focused on front end Web development using the Drupal framework
- Implemented custom modules for sites using PHP and JavaScript/JQuery

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Technical Background

Languages:	Java, JavaScript, C++, C, VimL, Bash Scripting, PHP
Libraries/Platforms:	Java Enterprise Edition, Jackson, Hibernate, Node.js, jQuery, Android
Frameworks/Services:	Jersey, Express, AWS (EC2, DynamoDB, and RDS), GitHub
Development Tools:	Intellij Idea, WebStorm, Android Studio, Eclipse, Git, SourceTree, JIRA
GitHub Profile:	https://github.com/chriskim06

Education

University of California, Santa Barbara   Graduation Date: June 2015
Major: Computer Engineering, B.S.   Cumulative GPA: 3.09

Related Coursework:

- Object Oriented Design with Java and C++
- Android Development and Design Principles
- Computer Networking Applications
- Distributed Systems
- Computer Security
- Operating Systems and Fundamentals
- Data Structures and Algorithms
- Computer Architecture

Senior Project:

My team and I worked with Novacoast (https://www.novacoast.com/) to build a home automation tool using the FLIR Lepton IR sensor, Raspberry Pi, OpenCV, and Django. The goal of our project was to be able to monitor an area of a house and notify a user when specific events occurred. Our project ran solely on a Raspberry Pi, where we grabbed a series of images from the Lepton and performed real time image processing using OpenCV. It is also ran a web based user interface that was built with Django where the user was able to adjust certain settings.