Ben Rudolph

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Education

Stanford University
Computer Science
Bachelor's of Science, 2013
GPA: 3.6 | Computer Science GPA: 3.8

Technical Skills

Languages

Javascript
Python
C/C++
Ruby
HTML
CSS
MySQL
XPath/XQuery

Frameworks/Libraries

Django
Node.js
Sinatra
jQuery
d3.js
Twitter Bootstrap

Relevant Coursework

Data Visualization
Design and Analysis of Algorithms
Applied Machine Learning
Computer and Network Security
Probabilistic Graphical Models
Introduction to Databases
Mechatronics
Introduction to Probability Theory
Introduction to Natural Language Processing

Personal

I love Vim
Member of the Stanford men's gymnastics team
Enjoy learning new technology
Like to bike and dive

Work Experience

Software Engineer Intern
Ooyala, June 2012 - September 2012

Full stack web development using Sinatra and Ruby on Rails. Used Agile development process. Worked directly with engineering team to develop many changes to their online video manager.

Software Engineer Intern
SurveyMonkey, June 2011 - September 2011

Created a facebook custom tab page to allow administrators of a page to post surveys to their fans. Development for the application was done in ASP.NET and C#. Also implemented a full text search algorithm for users to sift through open ended responses to the surveys they created. The search included stemming and stopping along with the use of keywords such as NOT, AND, OR. The search algorithm was developed in python.

Software Engineer Intern (Part-time)
StyleSays, June 2011 - September 2011

Developed an ajax, autocomplete search using jQuery and also built two multi-threaded web crawlers to build up information in their database. In addition I made many design and page additions throughout the website. Worked in a very fast paced environment.

Software Engineer Intern
Cisco, June 2010 - September 2010

Worked on performance/scaling enhancements to read and interpret data flows from TCP and UDP protocols more efficiently. Thus, enabling a networking device to better transfer data. Gained an understanding of deep packet inspection in order to identify flow. Did all programming in C on a linux operating system. Also used ClearCase to manage merges and commits.