Ben Rudolph

email: brudolph@stanford.edu
phone: 630.946.4273

web: www.benrudolph.com
github: www.github.com/benrudolph

📖 Education

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

💻 Technical Skills

Languages	Frameworks/Libraries
Javascript	Ruby on Rails
Python	Django
C/C++	Node.js
Ruby	jQuery
HTML	d3.js
CSS	Twitter Bootstrap
MySQL	
XPath/XQuery	

👥 Relevant Coursework

Data Visualization
Rethinking Refugee Communities
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

Passion for the intersection of technology and humanitarianism
Enjoy crunching data
Love Vim
Member of the Stanford men's gymnastics team
Enjoy learning new technology
Like to bike and dive

⛑ Work Experience

Innovation Specialist
UNHCR Innovation, June 2013 - Present

Revamped visualization system for education unit to interpret program and economic indicators. Provided feedback and prototypes for various types of data at UNHCR including ProGres. Worked with technology partners to carry pilots within UNHCR.

Chief Technology Officer
Ascend, October 2012 - Present

Developed and built prototype system for UNHCR to communicate with refugees via SMS. Planned and executed pilot in Esmeraldas, Ecuador. Worked to identify business plan for future sustainability.

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

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.