

Andrew Berls

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Objective

Web Designer/Developer Position

Education

University of California, Santa Barbara (B.S., Computer Science - expected 2014)

Relevant Coursework

- Project Development & Software Engineering Principles (*CS 48*)
- Object-Oriented Design & Programming (*CS 32*)
- Propositional Logic & Mathematical Induction (*CS 40*)
- Data Structures & Algorithms (*CS 24*)
- Differential/Integral/Vector Calculus, Linear Algebra, Differential Equations (*Math 3A/B/C, 5A/B*)
- Classical Mechanics, Thermodynamics & Electromagnetism (*Physics 1/2/3*)

Skills

Proficient in: HTML/CSS, Javascript & jQuery

Gaining proficiency: Ruby, Ruby on Rails framework, Git/GitHub, PHP, Drupal CMS, C, C++, MySQL, PostgreSQL

Professional Experience

Web Manager: UCSB Residence Halls Association, September 2010 – June 2011

- Completely redesigned and rebuilt site to improve navigation and experience
- Maintained pages with information regarding current social and educational programs
- Implemented several initiatives such as transitioning equipment rental management to a paperless online system
- Wrote documentation for future webmasters and received NRHH Outstanding Leadership and Service Award for work completed

Web Developer: [Bruceb Consulting](#), June 2011 – present

- Redesigned and rewrote code base for Bruceb Consulting' site, along with companion WordPress blog
- Transitioned from a table-based layout to modern standards in HTML/CSS and jQuery for improved navigation and ease of use

Lead Web Developer: [SexInfo Online](#), April 2011 – present

- Rebuilt and transitioned existing student-built site onto a customized Drupal installation
- Trained and managed a team of other student web developers in order to manage content backend and implement new features
- Trained team of writers in basic Drupal content management
- Worked closely with supervising professors and team of writers in order to provide necessary tools and most effective site presentation

Web Design Work/Personal Projects:

- Tobin Law Group
- Tom Gold Photography
- Wrote open-source blogging engine for use on personal site using Ruby on Rails

Awards

- NRHH Outstanding Leadership and Service Award (June 2011)

Organizations

- Association for Computing Machinery (ACM)