John Mitchell

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Objective: To attend the 2014 Out for Undergrad Tech Conference

Skills

Experienced In:
- JavaScript
  - SS: Node.js/Express.js
  - CS: jQuery/Angular.js
- Java
- C/C++
- SQL (MySql/Oracle)
- HTML5/CSS3
  - Templating through Jade/Twig/Stylus/SASS/LESS
- Scripting (PHP/Awk)

Exposure To:
- NoSQL (MongoDB)
- Python
- Ruby on Rails

Resources:
- Git (github/Cgit)
- Integration
  - CI: Jenkins
  - DI: Grunt, Bower, yum, brew
- Testing (Mocha)
- Symfony 2 Framework
- Wordpress CMS
- Eclipse IDE

Education

North Carolina State University
B.S. Computer Science
Raleigh, NC
July 2011 - (Expected) Dec. 2014
GPA: 3.242

Relevant Curriculum
- Database Management
  - Relational Database Diagramming and Implementation
- Software Engineering
  - Long-term Projects Using Agile and test-driven Methodologies
  - Preplanning Focus including Diagramming, Documentation

Caldwell Fellow
- Highly-selective fellowship centralized on servant-leadership principles
- Attended the Center for Creative Leadership's (CCL) university program

- Security
  - Secret-Key/Shared-Key Encryption
  - Network Security
- Operating Systems
  - Multi-threading
  - Synchronization/Locking
  - Memory Management

Work

Red Hat
Andy Gospodarek, Manager

Web App Development Intern
- May 2014 - Present

- Developed a web application to connect driver and hardware information
- Learned the Linux implementation of PCI driver kernel modules
- Automated collection of PCI and driver data through Bash/Awk scripting

The Caldwell Fellows
Janice Odom, Program Director

Webmaster
- May 2013 - Present

Teaching Assistant
- August 2013 - December 2013

- Selection day technology correspondent (tech support)
- Redeveloped Front-End UI for caldwellfellows.ncsu.edu (Wordpress CMS, Responsive Design)
- Co-developed application system utilizing the Symfony 2 Framework (PHP)
- Planned and led a field trip for 17 at-risk middle-school students
- Led development of a technology curriculum for Kids' Café program

Capital H Creative
Heather Allen, Founder & CEO

Creative Management Intern
- May 2012 - August 2012

- Designed addiewuensch.com using the SquareSpace framework
- Implemented contact management (OCR) and cloud-based storage systems
- Planned and oversaw an artist speaker series from conception to completion