

EXPERIENCE

Clevertech

Developer, May 2012 - January 2013

- Designed and developed a business planning application to improve usability and performance by creating reusable design components, building functional mockups in HTML/CSS/JS and leading a team of developers in implementing the mockups using backbone.js
- Brought related data to light in a redesign of a press release management application by learning current workflows and designing functional mockups that provided context-sensitive data and shortcuts that made working in the application faster and easier
- Managed a team of 3 in creating a minimal viable product in 30 days of a financial registry website using 4 week-long iterations, daily calls with the developers to stay on track and clear blocks, and daily calls with the client to keep priorities aligned and progress transparent
- Analyzed existing data and workflow to help build a custom inventory management application by learning business entities and rules, creating wireframes for user interactions, and validating development by testing

Infosys

Developer for Baker Hughes Incorporated, July 2011 - May 2012

- Highlighted the need for a user interface designer and self-filled the role by starting a pattern library, rapidly developing working prototypes, and setting the expectation for mockups before Java development begins
- Advocated for adoption of agile processes and quickly became ScrumMaster, responsible for collection of user stories from the business, managing the development planning meetings, organizing the daily stand ups, delivering the demo meetings to the business, and ensuring our retrospective meetings cause growth
- Developed a method to automate data loading using SQL scripts and Excel macros so the process could be handed off to the business for self management, resulting in time savings and a decrease in support issues

Global Product Champion for Baker Hughes Incorporated, October 2008 - July 2011

- Redesigned the education program to teach a web application to non-technical users using simple, hands-on exercises in a controlled training environment, allowing the educators to quickly assess learning in real time and provide consistent and repeatable examples to all students
- Organized and delivered training classes and application deployments in Angola, Azerbaijan, Canada, Ghana, Indonesia, Nigeria, Norway, Russia, Singapore and the United States
- Developed a deployment map using Drupal 6 and OpenLayers to better visualize the 2011 global deployment schedule across many educators, dates, regions and product lines, and to communicate the plans to external teams within the organization
- Worked with users to define requirements, then created screen mock ups for implementation by the offshore development team
- Wrote SQL queries and developed Excel reports to retrieve and present data in a clear way that answered specific user questions
- Provided support to the global user base by fixing application data, providing clear steps to accomplish a task, and investigating system issues

Developer for American Airlines, July 2007 - October 2008

- Five-month training program in India with an emphasis on Java and J2EE, graduated with a 4.93 GPA
- Implemented a Data Access Object layer using OpenJPA to effectively store objects in a database
- Gave an educational presentation to senior developers on OpenJPA, a new technology for Infosys at the time, and created a short training class with exercises on the topic for knowledge transfer

3.ZERO

Designer and Developer, October 2009 - February 2012

- Designed and developed studio website at <http://3pointzero.org> using Drupal 7 with Context, Feeds, Nodequeue, Services, Views, Webform, and a custom subtheme based on Omega
- Researched Agile methods and ideas to design standard project phases and processes, and communicated them to the business partner to improve execution, planning and communication
- Implemented Open Atrium, an intranet built using Drupal, to manage internal communications and to manage communications, progress updates and deliverables with clients in a central location
- Developed an influencer marketing solution for Topo Ranch using Drupal 6 with CCK, Views, Activity Stream, Advanced Profile Kit, Panels, Token, Webform, and custom CSS for styles
- Designed and developed custom Shopify themes using HTML, CSS, Liquid, JavaScript and jQuery
- Responsible for administration of a CentOS server hosting many of our completed projects
- Attended DrupalCamp Austin 2010 and Southwest DrupalSummit 2011

University of Colorado Student Union

Finance Director, June 2005 – May 2006

- Restructured financial reports to demonstrate better organization and increase understandability among all members of the student union, providing transparency on a consistent basis
- Educated UCSU Executives and Officers in proper fiscal spending of their \$400,000 yearly budget
- Led an extended transition period after my term ended to ensure the new officer was fully trained and the automated procedures that were developed continued beyond my term in office

EDUCATION

University of Colorado at Boulder

Graduated May 2007

- Earned bachelor degrees in computer science and finance, and a minor in applied mathematics
- Earned a certificate in quantitative finance, a joint program between finance, applied mathematics and economics that offered a unique focus on solving analytical problems in various disciplines
- Five time Dean's List with a cumulative GPA of 3.444 and a quantitative finance GPA of 3.712
- Junior year induction to the Beta Gamma Sigma International Business Honor Society
- Programming experience with C, C++, Linux shells, HTML, php, MySQL, Ruby, Python, and Matlab
- Implemented a peer-to-peer file distribution system with a centralized server as my Senior Project, where I took the role as team lead and focused on requirements, team management, testing and project delivery
- Used support vector machines to predict future stock market movements as a project for machine learning, which did not provide above market returns during testing but did give insight into the depth of financial data and serve as a profound learning experience in the effort

ACTIVITIES

Phi Kappa Psi Colorado Alpha

- Held the office of Treasurer in 2004, Vice President in 2005 and President in 2006
- Oversaw entire membership and led over 60 brothers in adopting new Expectations of Membership that later proved to be the turning point in the recovery of Chapter operations
- Managed internal chapter affairs, implemented a new committee structure and reporting process
- Improved struggling external relations using negotiation, defining clear expectations, and follow-through
- Attended the Grand Arch Council to present our newly adopted Expectations of Membership and future goals to the Fraternity governing board, demonstrating the new direction of the Chapter
- Facilitated internal operations and oversaw all committees, concentrating on strategic management and developing emerging leaders within the Chapter
- Managed a \$100,000 budget, doubled the previous year's collection rate, and paid off \$11,000 in debt by introducing the idea of financial reports and transparency to a Chapter that had previously been misled about where and how money was being spent, thus creating a collective focus on Chapter dues collections and eliminating wasteful spending