Colleen M Hoffmeister
Web Application Developer

Work History

Manager, Web Development | March 2016 – Present
Lead Web Developer | August 2014 – March 2016
Sr. Web Developer | May 2013 – August 2014
University of Maryland, Baltimore | Baltimore, MD

- *Works independently to lead development of custom secure web-based applications* that support The Institute for Innovation and Implementation (III) at the University's School of Social Work (SSW)
- *Provides full life-cycle support of applications* including project management, requirements and scope management, application design and development, responsive UI design and CSS driven template creation, relational database modeling and development, cross-browser/platform testing, implementation of bug fixes/change requests and up-to-date documentation
- *Communicates directly* with and supports III division directors and media team members
- *Development of project work plans and schedules*
- *Lead developer* with proven ability to work with legacy applications as well as new builds
- *Responsible for maintaining all application environments* including local, development, staging/test, production, and code repositories
- *Works with various groups across the university* including SSW server admins, School of Medicine (SOM) database administrators, and the Center for Information Technology (CITS) Web Team
- *Works with external partners*, such as the Maryland State Department of Education (MSDE), to automate and secure data transfers
- *Follows university standards* to meet audit requirements
- *Stays current on latest technologies* in order to evaluate needs and provide guidance on the best possible approach/solution for each project
- *Provides leadership*, guidance and shares resources with other CITS and III developers
- Applications/websites developed and maintained include:
  - *Custom applications supporting data collection and analysis;* data centric applications are used to support statewide evidence-based practice initiatives for early childhood outcomes and drive ongoing legislative efforts
  - *Custom responsive website development* supporting community outreach and public engagement
- *Main technologies utilized:* Coldfusion 11, Oracle 12c, HTML5/JS/DHTML, jQuery, CSS3, Bootstrap

Senior Web Application Developer | June 2009 – May 2013
B-Line Express | Columbia, MD

- *Full Life Cycle Development* of web-based solutions using ColdFusion, Flex, MySQL, HTML5 and JavaScript technologies for NASA Goddard Space Flight Center (GSFC), NASA Jet Propulsion Laboratory (JPL), and National Education Association (NEA)
- *Lead programmer for the rewrite of GSFC's iWAPP* (Integrated Workforce and Personnel Planning) Tool,

upgrading from Coldfusion 7 to Coldfusion 9. iWAPP is used for planning all personnel and contracts for NASA's Goddard location

- *Served as a key member on the GSFC Career Path project* during the initial requirements gathering and design stages. This award winning application (2012 Robert H Goddard Award) provides users with a rich experience while navigating potential career paths within GSFC. This project was also featured in the GSFC ASK Magazine
- *Worked independently to overhaul the GSFC Watch List Application*, migrating from FuseBox to ColdBox framework along with additional enhancements in a timeframe of 3 months
- *Intricate member of the development team responsible for development of the Cost Estimation Application* used to cost proposals for GSFC Code 300; Team lead for ongoing support of this application.
- *Lead programmer for GSFC IRAD Proposal Ingest, Review and Evaluation Application.* This tool is used for submission, evaluation and awarding, and tracking of IRAD (Internal Research and Development) proposals by fiscal year
- *Worked with B-Line team members to build a Mission Configuration prototype tool* for maintaining an online configuration archive of NASA Goddard missions
- *Independently built the NEA State Compensation Survey Application* to collect and archive compensation data by state
- *Attended numerous web development conferences* including Adobe MAX, CFUnited, HTML5DevCon, jQueryTO to stay current on existing and emerging technologies

Senior Web Application Developer | October 2005 – June 2009
Digital Positions, Inc.| Atlanta, GA
I was offered the opportunity to telecommute upon moving to Maryland in May 2007. I was promoted to Lead Developer while maintaining my telecommuter status. Digital Positions has offered no other full-time telecommute positions since opening in 1995.

- *Worked extensively with ColdFusion, MS SQL Server, JavaScript, HTML, and CSS* to deliver web-based solutions
- *Worked closely with the Director of Application Development and Project Managers* to help manage the scope of each project from requirements specifications to support tracking
- *A key contributor to the on-going development of Boomsocket, a powerful custom CMS* that enables users to control not only site content but also site structure
- *Utilized the Boomsocket CMS* to build and maintain customized web solutions for clients
- *Helped bridge the gap between design and development* by becoming the lead for all things CSS, becoming proficient in transferring static Photoshop designs to cross-browser compliant CSS/HTML layouts
- *A key member in our RIA development initiative*, including building Flex Applications and Facebook widgets
- *Maintained positive relationships* with clients to provide them with training and support

Web Application Developer | April 2004 – October 2005
TriggerID | Atlanta, GA

- *Key developer* at this web development firm selected as one of the "Top Thirty in Atlanta" by Atlanta Business Chronicle
- *Utilized ColdFusion, ASP, and MS SQL Server* to deliver web-based solutions
- *Built and maintained customized solutions* for clients utilizing an in-house CMS

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- *Promotion to management of client maintenance tickets* after just a few months with the company in addition to full life-cycle development
- *Proven ability to pick up a new language* in a short amount of time

Web Developer | May 2003 – April 2004
Energetics, Inc | Columbia, MD

- *Web Development at this environmental consulting company* consisted of internal development for numerous divisions within the company
- *Clientele from both government and private sectors*
- *Duties included* interaction with Project Managers, requirements specification, web programming using ASP technologies, database design & development using MS SQL Server

Web Developer, Part Time| September 2002 – December 2002
Dynamic Technologies, Inc | Hickory, NC

- *While completing my degree*, I worked as a developer at this local web hosting, design, development and e-commerce team to gain real world experience in web development

Intern | June 2002 – September 2002
National Institute of Standards in Technology | Gaithersburg, MD

- *Assistance in the requirements gathering for the 360vu Enterprise Assessment Tool*, a web based application designed to promote information sharing, strategic management, lean enterprise, and quality management
- *Authored the application's Data Management Requirements document*, which specified assessment algorithms, report generation, and data management requirements

Summary of Technical Skills

- (X)HTML | 15+ yrs
- DHTML and JavaScript | 15+ yrs
- HTML 5 | 7+ yrs
- jQuery | 7+ yrs
- CSS Layouts | 9+ yrs
- Responsive Design | 5+ yrs

- Web/Database Driven Programming | 15+ yrs
- ColdFusion 5 - 11 | 14+ yrs
- ColdBox Framework | 4 yrs
- ASP Classic | 2 yrs
- Flex/Air & ActionScript 3.0 | 2 yrs

- Oracle | 5+ yrs
- SQL Developer | 5+ yrs
- MS SQL | 7 yrs
- MySQL | 4 yrs
- Dreamweaver | 5 yrs
- CF Builder/Eclipse | 11+ yrs

Education & Certifications

Adobe ColdFusion MX 7 Certified Developer

Lenoir-Rhyne College | Hickory, NC
BS, Computer Science | Minor: Mathematics
Overall GPA: 3.89 | Major GPA: 3.80
Magna Cum Laude
Graduated top of class in CS after just 3.5 years of study

School Activities

- Consortium Southeastern Programming Contest | November 2001 | Nashville, TN: placed 5th out of 23 teams
- SACS Institutional Effectiveness Committee | Fall 2000, Spring 2001, Fall 2001: one of a handful of students asked to serve on this committee of educators
- Campus Activities Board | Fall '99, Spring '00

Honors

- Computer Science Honors Graduate 2003: graduated top of class in CS
- Cromer's Scholarship Recipient: Lenoir-Rhyne's highest academic scholarship; awarded full tuition
- All-American Scholar Collegiate Award Recipient
- President's List | Spring 2001, Fall 2001, Spring 2002, Fall 2002
- Dean's List | Fall 1999, Spring 2000, Fall 2000
- The National Dean's Lists Award Recipient
- Alpha Lambda Delta Honors Society