Coral Sheldon-Hess

coral@sheldon-hess.org | coral.sheldon-hess.org | github.com/csheldonhess

Professional Experience:

Librarian and Web Developer, January 2015 - present
Freelance/Self
• Developed, maintained, and updated websites.
• Updated and converted the University of Maryland College of Information Studies course INST 630, Introduction to Programming for the Information Professional, to online format and taught a section in fall 2016.

Developer, September - December 2014
Center for Open Science
• Developed harvesters to fetch and normalize metadata from institutional and discipline repositories for the SHared Access Research Ecosystem (SHARE) notification service.
• Contributed to the Open Science Framework with front-end (JavaScript, CSS, HTML5) and back-end (Python) improvements, including unit tests.

Web Services Librarian/Assistant Professor, October 2009 - September 2014
University of Alaska Anchorage/Alaska Pacific University Consortium Library
• Designed, maintained, and improved library websites and web services.
• Chaired Web Development Team; and proposed, designed, and chaired Social Media Team.
• Wrote a plan for development of the library's web presence and follow-up documents, including Best Practices for Topic Guides and Library Social Media Marketing Plan.
• Trained and supported colleagues in the use of web-based technologies.
• Installed and customized open-source web applications and led acquisition and implementation of web applications purchased from vendors, including coordinating policies around their use.
• Managed multiple content management systems, including MODX, WordPress, LibGuides, and Open Atrium (a constrained form of Drupal).

Senior Consultant, June 2006 - February 2008
Booz Allen Hamilton
• Supported US DOT's Vehicle Infrastructure Integration (VII, now Intellidrive) program as a wireless systems engineer, software requirements analyst, and project manager.
• Wrote sections of, managed subcontractors' input to, and coordinated/edited 60+ team members' contributions to the VII System Requirements Specifications.
• Refined document creation workflows, increasing documents' accuracy and decreasing creation time significantly.
• Analyzed/edited requirements for VII subsystems and applications.
• Contributed to several proposal teams, writing a key technical section of a $93M proposal and writing as well as editing/coordinating authors' contributions to a $6M proposal.
• Recruited and interviewed candidates for hire.

Education:

University of Pittsburgh – Master of Library and Information Science, 2009

Carnegie Mellon University – MS, Electrical and Computer Engineering, 2005

University of Virginia – BS, Electrical & Computer Engineering - *With Highest Distinction*, 2003
    Minors: Computer Science, Chinese Language & Culture

Selected Honors and Awards:

- 2017 NASA Datanaut
- Code4Lib 2014 Conference Diversity Scholarship Recipient
- ALA 2012 Emerging Leader, sponsored by the ACRL Science & Technology Section
- Pacific Northwest Library Association "LEADS" Leadership Institute, October 2010
- UCLA student scholarship to attend Electronic Resources & Libraries 2009
- High 5 Award (Booz Allen Hamilton), 2007 - In recognition of dedication to fostering a collaborative community across ITI Home Team 1
- Performance Recognition Award (Booz Allen Hamilton), 2006 – For outstanding support and dedication in developing the subsystem specifications and interface requirements for the Vehicle Infrastructure Integration Project.
- Rodman Scholar (University of Virginia), 2000-2003; Echols Scholar, 1999-2000
- Eta Kappa Nu - Electrical Engineering Honors Society
- Tau Beta Pi - Engineering Honors Society

Selected Conference Presentations and Panels:

- "Command Line Bootcamp," Co-leader, Code4Lib Preconference, 3/7/2016.
- "Level Up Your Coding with Code Club (yes, you can talk about it)," Code4Lib, 2/10/2015.
- "Open source could save libraries! Maybe!," Open Source Bridge, 6/24/2014.
- "Getting buy-in on user centricity," LITA National Forum, 11/10/2013.
- "Back in the Stacks, Bringing Professional Organization into Professional Life," ACRL New Members Discussion Group Panel Discussion at ALA Midwinter, 1/27/2013.
- "Librarians Build Communities: Advocacy Through Volunteerism," Pacific Northwest Library Association Annual Conference, 8/3/2012.
- "Social Media Starter Kit," Alaska Library Association Annual Conference, 2/18/2011.
- "Implementing New Tech Tools," DirLead (Alaska Public Library Directors' Leadership Group) Annual Meeting, 10/15/2010.

Selected Workshops and Training Sessions:

- "Getting buy-in on user-centricity." Guest lecture for LIS 861, UW-Madison School of Library and Information Science. 5/5/14.
- "Introduction to GitHub." Anchorage Programming Workshop. 7/31/13.
- "Web Fundamentals." Anchorage Programming Workshop. 5/22/13.
- "Twenty-Minute Training: Blogging Best Practices." UAA/APU Consortium Library's Library, Reference, and Information Technology Training Series. 4/9/13.
- "Twenty-Minute Training: Facebook Privacy." UAA/APU Consortium Library's Library, Reference, and Information Technology Training Series. 10/26/2010.

Recent Professional Development:

- NASA Datanauts (2017)
- Abstractions (2016)
- Google I/O (5/18/2016)
- Pittsburgh TechFest (6/11/2016)
- Code4Lib Conference (2014, 2015, 2016)
- The Data Scientist's Toolbox, Johns Hopkins University (2015)
- Open Source Bridge (2014)