

Coral Sheldon-Hess

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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 Professional Experience:

Assistant Professor, Sept 2019 - present

Community College of Allegheny County

• Courses taught:

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|--|------------------------------|
| • CIT 100 - Comp Fundamentals & Applications | • DAT 119 - Python 1 |
| • CIT 115 - Info Technology Fundamentals | • DAT 201 - Data Analytics 1 |
| • CIT 125 - Web Development | • DAT 202 - Data Analytics 2 |
| • CIT 215 - Systems Analysis & Design | • CIT 145 - Programming in C |

Web Services Librarian/Assistant Professor, Oct 2009 – Sept 2014

University of Alaska Anchorage

- Designed, maintained, and improved library websites and web services (LAMP).
- Chaired Web Development Team; proposed, designed, and chaired Social Media Team; and served on Assessment Team.
- Created a model for thinking about user-centricity of organizations. It has been used by user experience librarians, internationally.
- Trained and supported colleagues in the use of web-based technologies.
- Installed and customized open-source web applications (e.g. LibStats, Omeka) and led acquisition and implementation of web applications purchased from vendors (e.g. Springshare suite), including coordinating policy development around use.
- Managed multiple content management systems, including MODX, WordPress, LibGuides, and Open Atrium (a constrained form of Drupal).

Senior Consultant, Jun 2006 - Feb 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, maintaining and updating requirements in Rational Requisite Pro.
- 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.

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
- 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 Professional Involvement:

- Oceans of Data Community of Practice (2020-present)
- Code4Lib (2014-present)
 - Conference Documentation Committee (2015-present)
 - Conference Accessibility Committee (2016-present)
 - Fiscal Continuity Workgroup (2016-18)
- Code for Pittsburgh (2015-present)
- Pittsburgh Python User Group (2018-present)

Selected Conference Presentations and Panels:

- "Introduction to GitHub," Western Pennsylvania OER Training Day, 7/11/2019.
- "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.
- "Tune in, Turn on, and Get Social," Panel Member, Alaska Library Association Annual Conference, 3/2/2014.
- "Getting buy-in on user centrality," 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.
- "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.
- "Intro to the Command Line." Anchorage Programming Workshop. 2/19/14.
- "WordPress Basics." Anchorage Programming Workshop. 10/16/13.
- "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.