

Coral Sheldon-Hess

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Selected Professional Experience:

Assistant Professor, Sept 2019 - present

Community College of Allegheny County

- Worked collaboratively with colleagues to develop and assess the curriculum in CIT and DAT, including developing the initial offering of Data Analytics 2 (DAT 202).
- Taught remote/synchronous courses, online/asynchronous courses, and hybrids between the two, with an average student approval score of 4.6+ out of 5.
- Maintained Blackboard shells for all courses, in addition to Slack workspaces, to support students in DAT and CIT.
- Served on Curriculum subcommittee of College Council, checking curriculum updates for programs across the College against Bloom's taxonomy, for assessment and accreditation purposes.

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

University of Alaska Anchorage

- Designed, maintained, and improved library websites and web services (LAMP).
- Served on the workgroups that chose the library's discovery layer and the consortium's OPAC.
- Chaired Web Development Team; and proposed, designed, and chaired Social Media Team; served on Assessment Team.
- Wrote a plan and supporting documentation for development of the library's web presence in a user-centric direction, including Best Practices for Topic Guides and Library Social Media Marketing Plan.
- Created a model for thinking about user-centricity of organizations. Both the model and the Plan for the Web Presence have been used by user experience librarians and by libraries doing their own planning, internationally.
- Rapidly taught self on, then trained and supported colleagues in the use of web-based technologies.
- Installed and customized open-source web applications (e.g. LibStats, Omeka - PHP/MySQL) and led acquisition and implementation of web applications purchased from vendors (e.g. LibCal, LibAnswers), including coordinating policy development around their use.
- Managed multiple content management systems, including MODX, WordPress, LibGuides, and Open Atrium (a constrained form of Drupal).
- Created and edited videos and images for the web (Adobe suite, Camtasia).
- Performed usability testing on websites and vendor-supplied applications.

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.
- 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:

- Scholarship recipient for Microsoft and Udacity Foundations of Machine Learning on Azure course
- ALA 2012 Emerging Leader, sponsored by the ACRL Science & Technology Section
- Pacific Northwest Library Association "LEADS" Leadership Institute, October 2010
- High 5 Award (Booz Allen Hamilton), 2007 - In recognition of dedication to fostering a collaborative community across ITI Home Team 1 through participation in the Communications Focus Group.
- 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 Workshops and Training Sessions:

- "Tips for running better classes (and meetings) remotely," CCAC Center for Teaching & Learning Teaching Showcase. 2/26/2021.
- "Building an online community with Slack in the classroom," CCAC Center for Teaching & Learning Collaboration Tools Panel, 10/30/2020.
- "Introduction to GitHub," Western Pennsylvania OER Training Day, 7/11/2019.
- "Getting buy-in on user-centricity." Guest lecture for LIS 861, UW-Madison School of Library and Information Science. 5/5/14.
- "WordPress Basics." Anchorage Programming Workshop. 10/16/13.

Selected Professional Development:

- PyCon Education Summit and Trainers Summit (virtual, 4/23-4/24/2020, 5/12-5/13/2021)
- Three Rivers Educational Technology Conference (virtual, 1/18/2021)
- Western Pennsylvania OER Training Day (7/11/2019)