Course Syllabus: Computing Cultural Heritage (CSE 590T / LIS 598A)

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Meeting Time: Monday & Wednesday at 2pm PST

Meeting Location: Zoom (https://washington.zoom.us/j/8603549798)

Description: From large-scale systems for searching the web to the datasets that machine learning practitioners utilize to train their models, our collective cultural heritage is in many ways the substrate of computer science. Indeed, cultural heritage practitioners including humanists, librarians, and archivists have been influential in shaping the discourse surrounding the sociotechnical implications of computing. This course explores various topics within computer science through the lens of cultural heritage: data visualization, human-AI interaction, search & discovery, crowdsourcing, web archiving, design & UX, and classification. The goals of this course are two-fold: first, to survey these topics in computer science, and second, to explore how they manifest within the context of cultural heritage. We will cover one topic every week, with the first meeting devoted to the CS-oriented literature for the topic, and the second meeting devoted to the sociotechnical implications of the topic in practice. During these second meetings, we will speak with cultural heritage practitioners at institutions across the country to learn about the roles of computing in their work, research, and stewardship.

Prerequisites: This seminar is accessible to those without any formal training in computer science. I welcome students across a range of disciplines, including library and information science, the humanities, and computer science & engineering.

Assessment: This course is a two-credit seminar and will be evaluated on a S/NS basis only. Assessment is based on virtual attendance and participation in class discussions.

Accommodations: Please do not hesitate to reach out to me (bcgl@cs.washington.edu) regarding accommodations (disability, religious, family, etc.). Here are links to university policies regarding disability accommodations or religious accommodations and feel free to contact me.

Credit: This syllabus is based upon Ben's 2020 Library of Congress Summer Reading Group. It also draws inspiration from the syllabi for Jim Casey's Princeton Freshman Seminar Weird Data, Kurtis Heimerl's UW CSE 599 Computing for Social Good, and Katharina Reinecke's UW CSE 599 Computer Ethics.

Course Outline

Week 1: Introduction
- Course Overview & Introductions

Week 2: Data Visualization
- Best Practices: Communicating Information Effectively
- The Ethics of Data Visualization and the Limits of Datafication
  (*Guest*: Michael Haley Goldman, Executive Director, New Hampshire Humanities)

Week 3: Human-AI Interaction
- An Introduction to Interactive Machine Learning & Human-AI Interaction
- A Survey of Machine Learning & Cultural Heritage Projects
  (*Guest*: Jaime Mears, Senior Innovation Specialist, LC Labs)

Week 4: Search & Recommendation
- Exploratory Search: Re-Thinking Data Exploration, Navigation, and Sense-Making
- The Dangers of Search & Recommendation: Algorithmic Bias and Proprietary Search

Week 5: Crowdsourcing
- A Computer Science Perspective: Crowd Tasks, Tags, and Folksonomies
- Volunteer Crowdsourcing, Public Engagement & Improving Access via Metadata
  (*Guests*: Meghan Ferriter, Senior Innovation Specialist, LC Labs; Jim Casey, Assistant Professor of African American Studies, History, and English, Penn State)

Week 6: The Web Archive
- The World Wide Web as the Substrate of Machine Learning
- Archiving in the Age of Abundance
  (*Guest*: Trevor Owens, Director of Digital Content Management, Library of Congress)

Week 7: Design & User Experience
- Design & UX 101
- Design & UX for Cultural Heritage
  (*Guest*: Brian Foo, Data Visualization Artist, American Museum of Natural History)

Week 8: Classification
- Critical Approaches, Part I: A Historical View
- Critical Approaches, Part II: Critical Data Studies, Critical Cataloging
  (*Guest*: Joshua Ortiz Baco, Ph.D. Candidate in Spanish & Portuguese, UT Austin)

Week 9: Best Practices
- Checklists, Toolkits, and Algorithmic Impact Assessments
- Responsible Operations and Best Practices for ML & Cultural Heritage
  (*Guest*: Thomas Padilla, Senior Director of Collections, Technology, and Partnerships, Center for Research Libraries) (*split to two weeks due to Thanksgiving)

Week 10: Education

- The Cultural Heritage Dataset in the Classroom (*Guest*: Eileen Jakeway, Innovation Specialist, Library of Congress)

Week 11: Humanists and the Digital Archive (optional)
- Exploring Archives and Teaching Students How to Navigate Them (*Guest*: Sarah Salter, Assistant Professor of English, Texas A&M Corpus-Christi)

Detailed Course Schedule
(*Please feel free to suggest topics & readings by email!*)

Week 1, Meeting 1 (09/29): Introduction & A Brief History of Computing Cultural Heritage
[*no readings*]

Week 2, Meeting 1 (10/04): Data Visualization: Communicating Information Effectively

1) Edward Tufte, *The Quantitative Display of Visual Information*. We will be reading the abridged version, "Mini Tufte": https://www.cs.unm.edu/~pgk/IVCDs14/minitufte.pdf
2) Kennedy Elliott, *39 Studies about Human Perception in 30 Minutes*. https://medium.com/@kennelliott/39-studies-about-human-perception-in-30-minutes-4728f9e31a73

Additional (totally optional!) readings & resources, in case they're useful:
- University of Washington CSE 512 Course Materials by Jeff Heer. https://courses.cs.washington.edu/courses/cse512/19sp/

Week 2, Meeting 2 (10/06): The Ethics of Data Visualization & the Limits of Datafication

**Guest*: Michael Haley Goldman, Executive Director, New Hampshire Humanities*

1) Todd Presner, "The Ethics of the Algorithm: Close and Distant Listening to the Shoah Foundation Visual History Archive," in: *Probing the Ethics of Holocaust Culture,* edited by Claudio Fogu, Wulf Kansteiner, and Todd Presner (Cambridge: Harvard University Press, 2016), 175-202. (link here).
    a) For another example of visualization in the context of Holocaust Studies, see: Knowles, Anne Kelly, Tim Cole, Alberto Giordano, and Eric B. Steiner. 2014. *Geographies of the Holocaust*. Bloomington: Indiana University Press. (Google books has made the full manuscript available here). Michael Haley Goldman co-organized the workshop at the USHMM that led to this book.
2) Catherine D'Ignazio & Lauren F. Klein, *Feminist Data Visualization* (2015). https://tinyurl.com/f2c8234j
3) *W. E. B. Du Bois's Data Portraits*
    - This Princeton Architectural Press book has a great introduction to the visualizations: https://issuu.com/papress/docs/webduboisdataportraits_issuu
    - Here are the visualizations themselves, courtesy of the Library of Congress: http://www.loc.gov/pictures/search/?q=%22lot%2011931%22%20NOT%20medal&st=grid&co=anedub&loclr=blogpic

Additional (totally optional!) readings & resources:

- *Bending Lines*: *Maps and Data from Distortion to Deception*. Leventhal Map & Education Center Online Exhibit: https://www.leventhalmap.org/digital-exhibitions/bending-lines/
- Jer Thorp, "You Say Data, I Say System." https://medium.com/@blprnt/you-say-data-i-say-system-54e84aa7a421
- Catherine D'Ignazio & Lauren Klein. *Data Feminism*. Cambridge: MIT Press, 2020. https://mitpress.mit.edu/books/data-feminism
- Hua Hsu. "What W.E.B. Du Bois Conveyed in His Captivating Infographics." *The New Yorker* (2019) https://www.newyorker.com/books/page-turner/what-web-du-bois-conveyed-in-his-captivating-infographics

Week 3, Meeting 1 (10/11): Human-AI Interaction

1) Saleema Amershi, Maya Cakmak, William Knox, & Todd Kulesza (2014). Power to the People: The Role of Humans in Interactive Machine Learning. *AI Magazine*, *35*(4), 105-120. https://ojs.aaai.org//index.php/aimagazine/article/view/2513
2) Saleema Amershi, Dan Weld, Mihaela Vorvoreanu, Adam Fourney, Besmira Nushi, Penny Collisson, Jina Suh, Shamsi Iqbal, Paul N. Bennett, Kori Inkpen, Jaime Teevan, Ruth Kikin-Gil, & Eric Horvitz. 2019. *Guidelines for Human-AI Interaction.* In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (CHI '19). Association for Computing Machinery, New York, NY, USA, Paper 3, 1–13. PDF here.
3) (*if time*) Daniel Weld & Gagan Bansal, *The Challenge of Crafting Intelligible Intelligence*. CACM, 2019, Vol. 62 No. 6, Pages 70-79. https://cacm.acm.org/magazines/2019/6/237004-the-challenge-of-crafting-intelligible-intelligence/fulltext

Additional (totally optional!) readings & resources:

- Eric Horvitz. 1999. Principles of Mixed-initiative User Interfaces. In Proceedings of the SIGCHI conference on Human Factors in Computing Systems (CHI '99). Association for Computing Machinery, New York, NY, USA, 159–166. PDF here.
- Thomas Dietterich. "Steps toward Robust Artificial Intelligence" (2017). https://www.aaai.org/ojs/index.php/aimagazine/article/view/2756
- "Never-ending Language Learning" by Tom Mitchell's Group http://rtw.ml.cmu.edu/rtw/
- Kurt Luther, Virginia Tech CS6724: Human-AI Interaction Course Materials, https://wordpress.cs.vt.edu/cs6724s20/readings/
- Chinmay Kulkarni & Mary Beth Kery, CMU Human-AI Interaction Course Materials. http://humanaiclass.org/

Week 3, Meeting 2 (10/13): Machine Learning & Cultural Heritage Projects

Guest: Jaime Mears, Senior Innovation Specialist, LC Labs, Library of Congress

1) Ryan Cordell, *Machine Learning + Libraries: The State of the Field* (2020). (https://labs.loc.gov/static/labs/work/reports/Cordell-LOC-ML-report.pdf)
2) Some projects to look at:
    a) Brian Foo, Citizen DJ: https://citizen-dj.labs.loc.gov/about/
    b) Ryan Cordell & David Smith, *Viral Texts: Mapping Networks of Reprinting in 19th-Century Newspapers and Magazines* (2017), http://viraltexts.org. In particular, see:
        i) Introductory video: https://www.youtube.com/watch?v=6xS2nVpHS9I
        ii) Cordell, Ryan. "Computational Methods for Uncovering Reprinted Texts in Antebellum Newspapers." http://viraltexts.github.io/2015/05/22/computational-methods-for-uncovering-reprinted-texts-in-antebellum-newspapers/
    c) Yale DH Lab. PixPlot: https://s3-us-west-2.amazonaws.com/lab-apps/pix-plot/index.html

Week 4, Meeting 1 (10/18): Exploratory Search: Re-thinking Data Exploration, Navigation, and Sense-Making

1) Marti Hearst. *Search User Interfaces* (Chapter 8: Integrating Navigation with Search) https://searchuserinterfaces.com/book/sui_ch8_navigation_and_search.html
2) Marti Hearst. Clustering versus Faceted Categories for Information Exploration, in *Communications of the ACM* 49(4), April, 2006. http://people.ischool.berkeley.edu/~hearst/papers/cacm06.pdf
3) Ka-Ping Yee, Kirsten Swearingen, Kevin Li, & Marti Hearst. 2003. Faceted Metadata for Image Search and Browsing. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '03). Association for Computing Machinery, New York, NY, USA, 401–408. https://flamenco.berkeley.edu/papers/flamenco-chi03.pdf

    Additional (totally optional!) readings & resources:
    - Dafna Shahaf & Carlos Guestrin. 2010. *Connecting the Dots between News Articles.* In Proceedings of the 16th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD '10). Association for Computing Machinery, New York, NY, USA, 623–632. https://doi.org/10.1145/1835804.1835884

Week 4, Meeting 2 (10/20): The Dangers of Search & Recommendation: Algorithmic Bias and Proprietary Search

1) Safiya Umoja Noble. 2012. "Missed Connections: What Search Engines Say About Women." *Bitch Magazine*, 2012. https://safiyaunoble.files.wordpress.com/2012/03/54_search_engines.pdf.

2) Susan Nevelow Mart, The Algorithm as a Human Artifact: Implications for Legal {Re}Search (October 26, 2016). Available at SSRN: http://dx.doi.org/10.2139/ssrn.2859720
3) Hannah Alpert-Abrams, 2016. "DHQ: Digital Humanities Quarterly: Machine Reading the Primeros Libros." http://www.digitalhumanities.org/dhq/vol/10/4/000268/000268.html.

Additional (totally optional!) readings & resources:

- James Bridle, "Something is Wrong with the Internet." https://medium.com/@jamesbridle/something-is-wrong-on-the-internet-c39c471271d2
- Safiya Umoja Noble. *Algorithms of Oppression: How Search Engines Reinforce Racism*. New York: NYU Press, 2017. https://nyupress.org/9781479837243/algorithms-of-oppression/
- James Bridle. *New Dark Age: Technology and the End of the Future.* Verso Books, 2018. https://www.versobooks.com/books/3002-new-dark-age
- Shoshana Zuboff. *The Age of Surveillance Capitalism: The Fight for a Human Future at the New Frontier of Power*. *Public Affairs*, 2019. https://www.publicaffairsbooks.com/titles/shoshana-zuboff/the-age-of-surveillance-capitalism/9781610395694/
- Emma Strubell, Ananya Ganesh & Andrew McCallum. "Energy and Policy Considerations for Deep Learning in NLP." in *Proceedings of 57th Annual Meeting of the Association for Computational Linguistics* (ACL 2019). https://aclanthology.org/P19-1355.pdf

Week 5, Meeting 1 (10/25): Crowdsourcing (A Computer Science Perspective: Crowd Tasks, Tags, and Folksonomies)

1) Jia Deng et al., "ImageNet: A Large-Scale Hierarchical Image Database," in *2009 IEEE Conference on Computer Vision and Pattern Recognition*, 2009, 248–55, https://doi.org/10.1109/CVPR.2009.5206848.
2) Kotaro Hara, Abi Adams, Kristy Milland, Saiph Savage, Chris Callison-Burch & Jeffrey P. Bigham, "A Data-Driven Analysis of Workers' Earnings on Amazon Mechanical Turk." https://arxiv.org/ftp/arxiv/papers/1712/1712.05796.pdf
3) Justin Cheng & Michael S. Bernstein, "Flock: Hybrid Crowd-Machine Learning Classifiers," in *Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing* (CSCW '15: Computer Supported Cooperative Work and Social Computing, Vancouver BC Canada: ACM, 2015), 600–611, https://doi.org/10.1145/2675133.2675214. (alternate link: https://hci.stanford.edu/publications/2015/Flock/flock_paper.pdf)

Week 5, Meeting 2 (10/27): Volunteer Crowdsourcing, Public Engagement & Improving Access via Metadata

**Guests*: Meghan Ferriter, Senior Innovation Specialist, LC Labs, Library of Congress; Jim Casey, Assistant Professor of African American Studies, History, and English, Penn State*

1) We will read the chapter "What is crowdsourcing in cultural heritage?" from the forthcoming *Collective Wisdom Handbook: Perspectives in Crowdsourcing in Cultural Heritage* (https://britishlibrary.pubpub.org/). Feel free to browse the other chapters if you are interested!
2) We will also browse two crowdsourcing projects:
    a) The Colored Conventions Project's Douglass Day:
        - Douglass Day Principles: https://douglassday.org/about/principles/
        - Douglass Day Outreach Guide: https://douglassday.org/outreach-guide/
    b) The Library of Congress's *By the People*: https://crowd.loc.gov/
3) (*optional*) Trevor Owens, "Crowdsourcing Cultural Heritage: The Objectives Are Upside Down," *Trevor Owens* (blog), March 10, 2012, http://www.trevorowens.org/2012/03/crowdsourcing-cultural-heritage-the-objectives-are-upside-down/.

Week 6, Meeting 1 (11/01): The Web as the Substrate of Machine Learning

For all three of the following papers, please just skim; the goal is to understand at a high level how web data is being used to train ML models and how the authors view this usage.

1) Rishi Bommasani, Drew A. Hudson, Ehsan Adeli, Russ Altman, Simran Arora, Sydney von Arx, Michael S. Bernstein, et al. "On the Opportunities and Risks of Foundation Models." *ArXiv:2108.07258 [Cs]*, August 18, 2021. http://arxiv.org/abs/2108.07258 (the document is long; **please feel free to skim!**)
2) Dhruv Mahajan et al., "Exploring the Limits of Weakly Supervised Pretraining," *ArXiv:1805.00932 [Cs]*, May 2, 2018, http://arxiv.org/abs/1805.00932.
3) Tom Brown et al., "Language Models Are Few-Shot Learners," *ArXiv:2005.14165 [Cs]*, July 22, 2020, http://arxiv.org/abs/2005.14165 (see the Introduction & Section 2).

Week 6, Meeting 2 (11/03): Archiving in the Age of Abundance

**Guest*: Trevor Owens, Director of Digital Content Management, Library of Congress*

1) Trevor Owens. *The Theory and Craft of Digital Preservation*. Baltimore: JHU Press, 2018. PDF here. See Chapter 6: Preservation Intent & Collection Management (pp. 56-70 in the PDF).
2) Ian Milligan, *History in the Age of Abundance?: How the Web Is Transforming Historical Research*. Montreal: McGill-Queen's University Press, 2019. Introduction - PDF here.
3) *optional, for a perspective on Web Archiving toolkits as CS research* Nick Ruest, Jimmy Lin, Ian Milligan, and Samantha Fritz. "The Archives Unleashed Project: Technology, Process, and Community to Improve Scholarly Access to Web Archives"

Proceedings of the ACM/IEEE Joint Conference on Digital Libraries in 2020. https://dl.acm.org/doi/10.1145/3383583.3398513.

Additional (totally optional!) resources:

- Gabriela Redwine. 2015. "Personal Digital Archiving," DPC Technology Watch Report. URL: https://www.dpconline.org/docs/technology-watch-reports/1460-twr15-01/file
- Dianne Dietrich, Julia Kim, Morgan McKeehan, and Alison Rhonemus. 2016. "How to Party Like it's 1999: Emulation for Everyone," code4lib Journal. Issue 32. DOI: https://journal.code4lib.org/articles/11386
- Julia Kim. 2018. "Researcher Access to Born-Digital Collections: an Exploratory Study," Journal of Contemporary Archival Studies, Volume 5, Article 7. DOI: https://elischolar.library.yale.edu/jcas/vol5/iss1/7/.
- Dorothy Waugh, 2015. "Navigating the E- in Personal Papers: The Lucille Clifton Email," Archiving Email Symposium, Library of Congress. URL: http://www.digitalpreservation.gov/meetings/documents/aes15/6_Waugh_ArchivingEmail.pdf.
- Catherine Marshall, "The Long Term Fate of Our Digital Belongings: Toward a Service Model for Personal Archives" https://arxiv.org/ftp/arxiv/papers/0704/0704.3653.pdf

Week 7, Meeting 1 (11/08): Design & UX 101

1) William Buxton, *Sketching User Experiences: Getting the Design Right and the Right Design* (Amsterdam; Boston: Elsevier/Morgan Kaufmann, 2007)."The Anatomy of Sketching," pp. 105-125, https://issuu.com/marbaque/docs/sketching_user_experiences_-_bill_b.
2) Shaowen Bardzell, *Feminist HCI: Taking Stock and Outlining an Agenda for Design*. https://dl.acm.org/doi/10.1145/1753326.1753521
3) Ben Shneiderman & Catherine Plaisant, *Designing the User Interface: Strategies for Effective Human-Computer Interaction* (Upper Saddle River, N.J.; Harlow: Pearson Education, 2010). "2.3: Principles," pp. 66-82. Link here.

Week 7, Meeting 2 (11/10): Design & UX for Cultural Heritage

**Guest*: Brian Foo, Data Visualization Artist, American Museum of Natural History*

1) Take a look at a few of Brian's projects:
    a) Collectionscope: https://amnh-sciviz.github.io/collectionscope/
    b) The AMNH Climate Wall: https://brianfoo.com/amnh/climate/
    c) Citizen DJ: https://citizen-dj.labs.loc.gov/
    In particular, experiment with both Collectionscope and Citizen DJ (the AMNH Climate Wall is a physical installation, so we can't demo it online; however, we will be discussing the physical exhibit space as another medium for design and user experience in cultural heritage).

2) Mmachi God'sglory Obiorah, James K Hammerman, Becky Rother, Will Granger, Haley Margaret West, Michael Horn & Laura Trouille. "U!Scientist: Designing for People-Powered Research in Museums." In *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems*, 1–14. CHI '21. New York, NY, USA: Association for Computing Machinery, 2021. https://doi.org/10.1145/3411764.3445334.

Week 8, Meeting 1 (11/15): Critical Approaches to Classification, Part II: Critical Data Studies

1) Geoffrey C Bowker & Susan Leigh Star, *Sorting Things out: Classification and Its Consequences* (Cambridge, Mass.: MIT Press, 2008). Introduction - PDF here.
2) Kate Crawford & Trevor Paglen, "Excavating AI: The Politics of Training Sets for Machine Learning," 2019. https://www.excavating.ai/.

Week 8, Meeting 2 (11/17): Part II: Critical Cataloging

**Guest*: Joshua Ortiz Baco, Ph.D. Candidate in Spanish & Portuguese, UT Austin*

3) Joshua Ortiz Baco, "Title Essays, Linked Data, and the Ethnic Press in Chronicling America," 2020. https://www.neh.gov/blog/title-essays-linked-data-and-ethnic-press-chronicling-america
4) Emily Drabinski, "Teaching the Radical Catalog," in *Radical Cataloging: Essays at the Front*, ed. K.R. Roberto. Jefferson, N.C.: McFarland, 2008. http://www.emilydrabinski.com/wp-content/uploads/2012/06/drabinski_radcat.pdf.

Week 9, Meeting 1 (11/22): Checklists, Toolkits, and Algorithmic Impact Assessments

**Please feel free to pick and choose 2 of the papers below to read (or skim the 3) - whichever you'd prefer!*

1) Timnit Gebru et al., "Datasheets for Datasets," *ArXiv:1803.09010 [Cs]*, March 19, 2020, http://arxiv.org/abs/1803.09010.
2) Margaret Mitchell et al., "Model Cards for Model Reporting," *Proceedings of the Conference on Fairness, Accountability, and Transparency*, January 29, 2019, 220–29, https://doi.org/10.1145/3287560.3287596.
3) Emily M. Bender & Batya Friedman, "Data Statements for Natural Language Processing: Toward Mitigating System Bias and Enabling Better Science," *Transactions of the Association for Computational Linguistics* 6 (2018): 587–604, https://doi.org/10.1162/tacl_a_00041.

Week 9, Meeting 2 (11/24): NO CLASS (enjoy Thanksgiving)!

Week 10, Meeting 1 (11/29): Responsible Operations & Best Practices for ML & Cultural Heritage

**Guest*: Thomas Padilla, Senior Director of Collections, Technology, and Partnerships, Center for Research Libraries*

1) Thomas Padilla. 2019. *Responsible Operations: Data Science, Machine Learning, and AI in Libraries*. Dublin, OH: OCLC Research. https://doi.org/10.25333/xk7z-9g97
2) LC Labs & Digital Strategy Directorate (Library of Congress), *Machine Learning + Libraries Summit Event Summary*. https://labs.loc.gov/static/labs/meta/ML-Event-Summary-Final-2020-02-13.pdf

   Additional (totally optional!) readings & resources:
   - Project Aida research team at the University of Nebraska-Lincoln, *Explorations of Machine Learning and Cultural Heritage Final Report*. https://labs.loc.gov/static/labs/work/reports/final-report-revised.pdf.
   - Trevor Owens & Thomas Padilla, "Digital Sources and Digital Archives: Historical Evidence in the Digital Age." *Int J Digit Humanities* (2020). https://doi.org/10.1007/s42803-020-00028-7
   - Ryan Cordell, "'Q i-jtb the Raven': Taking Dirty OCR Seriously," *Book History* 20 (2017), 188-225, via http://ryancordell.org/research/qijtb-the-raven/.

Week 10, Meeting 2 (12/01): The Cultural Heritage Dataset in the Classroom

**Guest*: Eileen Jakeway Manchester, Innovation Specialist, LC Labs, Library of Congress*

Optional readings:
1) Eileen Jakeway Manchester, "It's a bird, it's a plane, it's a… derivative dataset!" LC Signal Blog: https://blogs.loc.gov/thesignal/2021/11/gcd-derivative-dataset/
2) Eileen Jakeway Manchester, "Next Slide Please: 2021 Digital Strategy Summer Intern Design Sprint, Part I" LC Signal Blog: https://blogs.loc.gov/thesignal/2021/08/next-slide-please-2021-digital-strategy-summer-intern-design-sprint-part-i/
3) Eileen Jakeway Manchester, "Sparking the Datamagination: 2021 Digital Strategy Summer Intern Design Sprint, Part II" LC Signal Blog: https://blogs.loc.gov/thesignal/2021/08/sparking-the-datamagination-2021-digital-strategy-summer-intern-design-sprint-part-ii/

Week 11, Meeting 1 (12/06): Optional Drop-in 1

**Guest*: Sarah Salter, Associate Professor of English, Texas A&M University Corpus-Christi*

Feel free to drop by to discuss how humanists navigate the archive, as well as how Sarah teaches undergraduates to navigate the archive as well!

Week 12, Meeting 1 (12/13): Optional Drop-in 2

Feel free to drop by to discuss anything related to computing cultural heritage, including any readings that you'd like to contribute!

***Computing Cultural Heritage* Zine!**

This page provides an overview and timeline for the *Computing Cultural Heritage* class zine. Please remember that contributing to the zine is *entirely optional*!

Overview

The goal of this collaborative zine is to produce a class artifact documenting our thoughts surrounding and interpretations of *Computing Cultural Heritage*. Most topics are fair game, as long as they can be related back to one of our class discussions. This is intentionally open-ended. Contributions can take a wide range of forms: personal reflections, critiques, essays, interviews, illustrations, collages, comics - anything that can be printed on paper and included within the pages of the zine. There are no limits surrounding word count or the like, but one yardstick is to aim for 500-1000 words. If you have already posted to the discussion board, please feel free to contribute your post or come up with something entirely new - whatever excites you the most!

Plans for the Resulting Zine

It would be great to share the zine with the broader UW and cultural heritage communities. For those of whom are okay with it, I will make a version of the zine publicly available online under a CC BY 4.0 license. However, I completely understand if you would like your writing to only be distributed among the class, and I will respect this by producing a different version to be shared among us internally. I will also print physical copies and make them available to any and all who would like a copy!

Timeline

By Wednesday, 11/10: Send me an email at bcgl@cs.washington.edu letting me know that you are interested in contributing, along with a brief (1-2 paragraph) summary of what you'd like to contribute.

By Monday, 11/15: I will send you feedback by email and (only if it is helpful) schedule 1:1 time to talk over zoom.

By Monday, 12/13: Send me your submission (if this deadline doesn't work for you, just let me know, and we can work something out!)

By Monday, 12/20: I will have an electronic version of the zine ready to share.

Sometime in January: I will have physical copies available for all who would like one!

Questions

As always, if you have any questions, please don't hesitate to reach out!