

Chloë A. Zehr

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745 E. South Boulder Rd., Apt. C205, Louisville, CO, 80027

EDUCATION

Master of Arts in History

Master's Thesis — *Phrasing Insurrection: A Computational Study of the Grammars of Collective Enslaved Resistance in the South Carolina Gazette and Virginia Gazette (1732-1775)*

University of Colorado Boulder, GPA — 4.0/4.0

Boulder, CO
December 2024

Bachelor of Arts in History

Honor's Thesis — *The Coromantee and the Venus: Exploring the Role of Slave Revolt in Constructions of Black and Mixed-Race Womanhood in Eighteenth Century Jamaica*
University of California Santa Barbara, High Honors and Distinction in Major, GPA — 3.8/4.0

Santa Barbara, CA
March 2021

CERTIFICATIONS

Digital Humanities Graduate Certificate

University of Colorado Boulder, Center for Research Data and Digital Scholarship

Boulder, CO
December 2024

Research Data Bootcamp Micro-Credential ([View here](#))

University of Colorado Boulder, Center for Research Data and Digital Scholarship

Boulder, CO
May 2023

200 Hour Yoga Teacher Training

Balanced Action Yoga, Uma Ashleigh Sergeant, Kenny Graham, et al.

Boulder Creek, CA
May 2015

RESEARCH AND WORK EXPERIENCE

Master's Thesis

University of Colorado Boulder

August 2022 –
December 2024

- Developed and authored a 150-page thesis at the intersection of digital history, data science, and digital humanities
- Designed innovative methods integrating text mining, NLP in R, and large language models (LLMs) to clean, explore, and analyze historical texts—developing meaningful insights from historical text data
- Published findings on [GitHub Pages](#) with accompanying repository containing code and data, showcasing technical communication and digital dissemination expertise
- Presented research at Louisiana State University's Graduate History Conference (March 2023) and Rocky Mountain Interdisciplinary History Conference (September 2024)

Teaching Assistant — AHUM 1825: Interdisciplinary Data Science

University of Colorado Boulder

August 2024 –
December 2024;
August 2023 –
December 2023

- Delivered recitation sessions for 25–30 students, covering basic descriptive statistical analysis, data visualization, and coding in R
- Designed workshops and projects emphasizing ethics in AI, data design, and interdisciplinary applications of data science
- Mentored students through individualized support, fostering engagement and active learning

<ul style="list-style-type: none"> Collaborated with faculty to enhance course content and ensure inclusive teaching practices 	
Graduate Research Mentorship University of Colorado Boulder	May 2024 – August 2024
<ul style="list-style-type: none"> Partnered with Dr. Vilja Hulden to annotate U.S. Congressional Hearings, creating a human-generated and validated topic model for comparative computational research Applied Python-based Latent Dirichlet Allocation (LDA) modeling to enhance understanding of historical text data 	
AHUM 1825 Summer Research Assistant University of Colorado Boulder	May 2024 – August 2024
<ul style="list-style-type: none"> Collaborated with Dr. David Glimp to refine course materials, coding exercises, and curriculum for a National Science Foundation (NSF) grant-funded course 	
Digital Slavery Research Lab Intern University of Colorado Boulder	2024, 2023, 2021
<ul style="list-style-type: none"> Collaborated on digital historical resources concerning the study of slavery and anti-slavery movements Performed site maintenance and upkeep for the digital reference resource USAntiSlaveryLaws.org 	
Teaching Assistant — HIST 1025: The U.S. Since 1865 University of Colorado Boulder	January 2024 – May 2024
<ul style="list-style-type: none"> Led recitation discussions analyzing primary and secondary historical sources Facilitated critical thinking on U.S. history themes such as citizenship, civil rights, and industrialization Provided detailed feedback on essays and source analyses, aligning with departmental learning goals 	
History Graduate Student Association Secretary University of Colorado Boulder	September 2023 – May 2024
<ul style="list-style-type: none"> Organized events, including the annual Spring Speaker event, and managed budgets and communications Acted as a liaison between students and department representatives, fostering collaboration 	
Graduate Research Mentorship University of Colorado Boulder	May 2023 – August 2023
<ul style="list-style-type: none"> Co-directed the creation of the W.E.B. Du Bois Anti-Slavery Laws Archive with Dr. Henry Lovejoy, director of the Digital Slavery Research Lab Cleaned, processed, and generated metadata for over 300 pieces of digitized legislation to render them as text searchable to enhance accessibility 	
Processing Assistant University of Colorado Boulder, Norlin Library Archives	May 2023 – August 2023
<ul style="list-style-type: none"> Processed and assessed the current physical and digital condition of Norlin Library's invaluable Western Federation of Miners/International Union of Mine, Mill and Smelter Workers collection Revised and updated the collection's online arrangement, description, and finding aid in ArchiveSpace to support future researchers use of the collection 	
Teaching Assistant — HIST 4830: Human Trafficking in Global Perspective University of Colorado Boulder	January 2023 – May 2023
<ul style="list-style-type: none"> Supported lectures and facilitated workshops on historical datasets and digital tools like GIS and Excel. Guided students in collaborative, interdisciplinary team-based research projects on slavery and human trafficking 	

Teaching Assistant — HIST 1011: Greeks, Romans, Kings, Crusaders University of Colorado Boulder <ul style="list-style-type: none"> Graded and provided feedback on essays and exams, supporting comprehension of complex historical themes Assisted students in developing analytical writing and source evaluation skills 	August 2022 – December 2022
Undergraduate Honors Thesis University of California Santa Barbara <ul style="list-style-type: none"> Conducted primary research and analysis on the role of slave revolt in the consolidation of race and gender dynamics in the eighteenth century Performed archival research with digitized eighteenth-century databases, analyzing sources such as newspapers, petitions, deeds, legal documents, and personal writings Presented findings at department colloquium, demonstrating strong communication and analytical skills 	September 2020 – March 2021
UCSA Internship and UCCS Summer Program University of California Davis & UC Center Sacramento (UCCS) <ul style="list-style-type: none"> Participated in a paid internship with the University of California Student Association (UCSA), recording meeting notes, drafting summaries, and communicating key insights from UC student candidate interviews and UC Regent meetings Conducted an independent research project on housing insecurity’s impact on LGBTQIA+ students in the UC system, applying statistical analysis Presented findings to UC faculty and Regents, highlighting public policy insights 	June 2020 – September 2020
<u>CONFERENCES</u>	
Rocky Mountain Interdisciplinary History Conference University of Colorado Boulder <ul style="list-style-type: none"> Presented research paper at Race, Space, and Resistance panel: <i>Phrasing Insurrection: Concatenations of Enslaved Resistance published in the Virginia Gazette 1735 – 1775</i> 	September 2024
Louisiana State University Graduate History Conference Louisiana State University <ul style="list-style-type: none"> Presented research paper at Race and Agency in the Colonial South panel: <i>“Prudence and Our Safety Forbids”: Examining Reports of Enslaved Resistance in the South Carolina Gazette 1732 – 1770</i> 	March 2023
<u>AWARDS & GRANTS</u>	
First Place Paper Prize Rocky Mountain Interdisciplinary History Conference	September 2024
Graduate Professional and Student Government Travel Grant University of Colorado Boulder	March 2023
Undergraduate Research and Activities Grant (URCA) University of California Santa Barbara	October 2020
Keith E. Vineyard Short Story Award, Second Place University of California Santa Barbara	June 2019

SKILLS

- R & RStudio
- Python & Jupyter Labs
- Linux
- QGIS
- ArcGIS StoryMaps
- ArchiveSpace
- Natural language processing (NLP)
- Computational corpus linguistics
- Tableau
- Shiny applications
- Database creation & management
- Adobe Creative Cloud
- Microsoft suite
- Google suite