

ALLISON BEATTY

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EDUCATIONAL BACKGROUND

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Chapel Hill, NC

Master of Science, Information Science, Human Computer Interaction Concentration – 2023

- Honors: 4.0 GPA
- Selected Coursework: Usability Testing and Evaluation, Research Methods, Metadata Architectures and Applications, User Interface Design, Information Retrieval, Systems Analysis, Data Visualization, Data Management and Governance, Misinformation Studies, Organization of Information, Human Information Interactions

UNIVERSITY OF NORTH CAROLINA AT ASHEVILLE

Asheville, NC

Bachelor of Arts, English Literature, Computer Science Minor – 2019

- Honors: Magna Cum Laude Graduate, 3.6 GPA, Dean's List
 - Selected Coursework: Numerical Programming, Object Oriented Programming, Systems Design, Statistics
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PROFESSIONAL EXPERIENCE

UNIVERSITY OF NORTH CAROLINA

Chapel Hill, NC

Front-End Developer, Launch Accelerator Program – Summer 2023

- Transitioned a beta pro-social web app into web and mobile responsive interfaces using a low-code platform.
- Conducted usability tests and analyzed web user behavior to identify themes and issues.
- Proposed solutions to alleviate problems with digital accessibility and user experience (UX).

Selected Achievements:

- Redesigned the app's information architecture using the Bubble low-code web development platform; increased the app's digital accessibility score from 30% to 98%.

Digital Integration Coordinator, Digital Innovation Lab – 2022 – 2023

- Conducted Twitter API digital humanities research; completed exploratory data analysis (EDA) using Python and R.
- Identified performance gaps and recommended methods to enhance data interoperability.
- Assisted undergraduate composition students with producing longform podcasts.

DUKE UNIVERSITY SCHOOL OF LAW

Durham, NC

Graduate Research Assistant (Remote) – 2022 – 2023

- Served as a methodology planning consultant for a law librarianship research project; performed content analysis.
- Scraped HTML data to create standardized JSON entries of 100+ law librarianship job postings.
- Ensured strict adherence to quality processes and data governance standards.

CAROLINA POPULATION CENTER, GLOBAL FOOD RESEARCH PROGRAM

Chapel Hill, NC

Graduate Research Assistant, Communications – 2022

- Analyzed WordPress pages and fact sheets to evaluate digital accessibility and compatibility with W3C Accessibility Guidelines (WCAG); identified and remediated inaccessible webpages and coding.
- Designed digital public health research dissemination materials including visualization of geospatial and quantitative data in Tableau, Adobe Illustrator, and Adobe Photoshop.
- Collaborated with software engineers and researchers to design data systems to advance research.

Selected Achievements:

- Retroactively updated a WordPress site to ensure consistent citation metadata of research publications.
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NC STATE UNIVERSITY ADVANCEMENT SERVICES

Raleigh, NC

Data Specialist (Remote) – 2020 – 2021

- Completed data entry and data retrieval using Advance and LexisNexis databases.
 - Provided help desk support; answered questions concerning best practices for Advance database use.
 - Supported data accuracy and the organization of information for both new and historical records.
 - Provided guidance and recommendations on metadata requirements.
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ADDITIONAL EXPERIENCE

- The Regulator Bookshop: Bookseller / DOS Subject Matter Expert – 2023 – Present
 - Malaprop's Bookstore: Bookseller – 2018 – 2021
 - World Coffee Café: Weekend Manager – 2017 – 2018
 - Asheville Pizza and Brewing Co.: Prep Cook – 2015 – 2017
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PROFESSIONAL AFFILIATIONS

- International Association of Accessibility Professionals
 - Triangle UXPA
 - American Sociological Association
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SKILLS

- Technical: HTML, CSS, PHP, JavaScript, Python, R, Tableau, Adobe Illustrator, Adobe Photoshop, Microsoft Office
- Industry: Documentation Remediation, Web Accessibility, Digital Accessibility, Information Architecture, Information Visualization, Usability Testing, Research Methods, Research Design, Scripting, Quantitative Analysis, Data Governance, Data Standards, Big Data, Metadata, Data Curation, Process Improvements,
- Personal: Communication, Leadership, Organization, Attention to Detail, Adaptability, Time Management