

R. Avery Harrell

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I am a recent graduate with a degree in both Information Science and Mathematics. I have both a strong analytic mindset grounded in an understanding of modern mathematical theory, including statistical methods, and an ability to critically think about the intersection of the humanities and technology. I have training in data analysis and visualization techniques using Python, survey data analysis using Qualtrics, SPSS and Excel, and experience using machine learning models in Python. I can deliver results using data visualizations made using Python programs, dashboards in programs like Tableau, or concise PDF infographics. I can communicate written results in presentation, executive summary, or formal academic paper format.

EDUCATION **Bachelor of Science in Information Science** Expected May 2024
College of Media, Communication, and Information, University of Colorado, Boulder
GPA: 3.88 | Dean's List 2020-present

Bachelor of Arts in Mathematics Expected May 2024
College of Arts and Sciences, University of Colorado, Boulder

WORK **Food Service Worker - Boulder, CO** April 2021 - present
EXPERIENCE Cosmos Pizza

I work in a variety of roles creating, cooking, and serving pizza to patrons in south Boulder.

- Learned essential shop responsibilities like cooking, managing ovens, and dealing with novel customer service situations.
- Facilitated shop activities during \$2,000 hours when shop operations are prone to slow down due to high volume orders.
- Trained new employees at an average rate of 2 new employees a month.

Undergraduate Research Fellow - Boulder, CO August 2022 - March 2023
University of Colorado, Boulder, Department of Information Science
Analyzed survey data using SPSS and qualitative analysis as part of an NSF-funded research fellowship project with Dr. Lecia Barker and Dr. Amy Volda and one other undergraduate research fellow.

- Produced an academic paper over a 7-month span analyzing survey data from 173 survey respondents.
- Developed a thematic analysis by inductively coding select-all-that-apply and open response questions from 173 respondents.
- Managed project goals and deadlines over the 7-month period, revised deliverable expectations as new developments in the project arose.

Summer of Discover Adult Volunteer - Boulder, CO July 2022 - August 2022
Boulder Public Library
As an adult volunteer I assisted librarians with staffing program registration tables and facilitating program events.

- Helped process 4,500 patrons through online software registration and prize collection through the summer.
- Facilitated various events for the program including movie showings and piñata crafting.
- Encouraged young boulder library patrons to feed their curiosity over summer break.

SKILLS Technical Skills: Python (NumPy, Pandas, sklearn), Mathematic Theory, Ethnographic Methods
Soft Skills: Motivating Team Player, Critical Thinking, Empathy
Communication Skills: Academic Writing, Data Visualization, Dashboards

HIGHLIGHTS

- Strong interest in Library Science, Data Science, Social Justice
- Has 2 cats (for now)
- Can knit, rock climb, and say hello in Hànyǔ