Bailie Wynbelt

(616)-881-9270 | Wynbeltb@gmail.com | [LinkedIn](#) | [Website](#)

EDUCATION

University of Arizona, College of Social and Behavioral Science   **Tucson, Arizona**
Bachelor of Science in Information Science, Emphasis: Data Science   May 2024

- **Minor:** Natural Resources
- **GPA:** 3.95
- **Honors/Awards:** RISE Internship Scholarship / Honorable Mention in the 2023 UA Data Visualization Contest / 3rd place in Undergraduate poster presentation at Society for Range Management Conference 2022 / Wildcat Excellence Award / International Baccalaureate Award *(Fall 2022)*

PROFESSIONAL EXPERIENCE

Virga Labs   **Tucson, Arizona**
Data Science Intern   May 2023-*Current*

- *Primary objective*: Assisted in the development of a website focused on helping nonprofits manage their funding sources regarding the Colorado River Basin.
- *Time Commitment*: Up to 20 hours a week.
- Helped develop a data migration plan using Miro.
- Developed code that involved using "R" to develop and transfer data to a MySQL database.
- Used Figma to create effective wireframes and designs that included stakeholder feedback.

School of Natural Resources and the Environment   **Tucson, Arizona**
Data Science Research Assistant   January 2023-*Current*

- *Primary objective*: Investigated diet selectivity patterns in southwestern rodents and assessed the effectiveness of different metabarcoding primers in identifying desert plant species.
- *Time Commitment*: Up to 15 hours a week.
- Proficiently employed "R" programming language to manipulate, analyze, and visualize extensive dataset.
- Demonstrated proficiency in version control management through the utilization of Github.

Arizona Youth Partnership   **Tucson, Arizona**
Intern   May 2023-August 2023

- *Primary objective*: Developed and implemented a pilot survey to assess youth needs and evaluate program effectiveness across Arizona.
- *Time Commitment*: Up to 10 hours a week.
- Revised a Mental Health Intercept Map, expanding its usability for individuals experiencing traumatic events or seeking day-to-day mental health support.

LEADERSHIP EXPERIENCE

Data Carpentry Workshop - The University of Arizona   **Tucson, Arizona**
Helper   March 2023

• Assisted in delivering high-quality, domain-specific training covering introductory computational skills needed for data management and analysis in all domains of research.

Tierra Seca – Student Chapter of The Society for Range Management   **Tucson, Arizona**
Treasurer   May 2022-May 2023

• Financially managed and fundraised $10,000 to send 17 students to Boise, ID for the 2023 Annual Society for Range Management Conference.

SKILLS, ACTIVITIES & INTERESTS

Activities: Participant in University of Arizona's Data Visualization Contest / Active Attendee of University of Arizona's R + Data Science Labs

Languages: R + Python: Querying, Wrangling, Manipulation, Analysis, Visualization

Skills: Microsoft Office / Tableau / Data Collection & Processing **/** Time Management / Adaptability / Effective Collaboration & Communication