

Bailie Wymbelt

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Motivated and result-oriented professional with a passion for driving positive change within the tech industry. I am dedicated to fostering inclusivity and diversity in technology through education and advocacy. Currently, I am pursuing a Bachelor of Science in Information Science with an emphasis in Data Science. My personal interests lie at the intersection of data science, business, and equity, with strong skills in data-driven expertise, problem-solving, and a learner mindset.

- **Data-Driven Expertise:** Through my academic and hands-on experience at the National Phenology Network and Virga Labs, I have gained a robust skill set centered around data. These skills range from data management to analytics and engineering. Experienced in R, Python, SQL, JavaScript, PHP, Tableau, and AWS, I played a pivotal role at Virga Labs in creating and implementing a data migration strategy. This involved building a backend database hosted by AWS for an R Shiny Application used by non-profits across the Colorado River Basin. This initiative resulted in data being collected from over 200 projects with 30 associated variables.
- **Problem-Solving Focused:** As a former intern at a consulting company, I approach complex issues from a consumer standpoint that emphasizes quality and efficiency. My previous experiences introduced me to the workflow of developing, working independently, collaborating, troubleshooting, and innovating. During my time at Virga Labs, I effectively implemented stakeholder feedback while working both independently and as part of a team, taking an interactive approach to solving complex problems.
- **Learner Mindset:** At the National Phenology Network, I adapted to working with an API coded in PHP, a language I had not previously encountered. In a job position, it is important to me to be challenged in an environment where I can continue learning. I am driven to expand my skillset and thrive in settings where I am constantly learning and growing.

My career journey has been shaped by a commitment to advancing gender equity within the tech sector. Recognizing the systemic barriers faced by underrepresented groups, particularly women, I have actively sought opportunities to contribute to a more inclusive environment. Whether through speaking engagements or conferences, I am engaged in raising awareness about gender disparities and empowering individuals to pursue careers in technology regardless of gender identity. Such events I have planned include a discussion panel focused on approaches that can be taken in an academic or workplace setting to break gender norms in the tech space. Another event including my involvement as a panelist in the Tucson Women in Data Science conference where I discussed my transition from a non-traditional field to data science.

Moving forward, I am also acting as a section leader for two classes, an introductory Python and ecological data science class. In these positions, I help students take their first steps in learning a new programming language. I have learned how to effectively tailor my teaching to various learning styles, emphasizing adaptability and flexibility. Throughout my time as a section leader, I have helped approximately 75 students.

I am committed to continuous learning and growth, both personally and professionally. I am excited about the opportunity to leverage my skills and experiences to make a meaningful impact in shaping the future of technology for generations to come.