ROSLYN WILLOUGHBY

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EDUCATION

Senior, Washington State University   **Expected Graduation Fall 2025**
McCroskey Scholar; President's Honor Roll   *Pullman, Washington*
Relevant Coursework: • Statistics • Python • Data Analytics • Psychology
Google Analytics Certification from Coursera - In Progress

EXPERIENCE

WSU Research Intern   **June 2024-Present**
Data Science at Phenomics Lab, WSU Skagit County   *Mt. Vernon, WA*

- Fine-tuned a Large Language Model (LLM) to effectively advocate for phenomic technologies, enhancing stakeholder engagement and support.
- Utilized Python for ANOVA and Pearson tests, identifying trends in pH and sugar relative to RGB values in raspberries.
- Refactored entire software stack from MATLAB to Python, increasing the accessibility and usability of analytical tools for other internal applications.
- **Skills learned**: LLM, Statistical analysis, Data visualization, Research Writing.

Assistant Coordinator   **August 2023-Present**
WSU Access Center   *Pullman, WA*

- Facilitate open channels of communication between Access Center students and notetakers.
- Ensuring personalized support and accommodations (vision, hearing and physical challenge) officially for Washington State University students.
- **Skills learned**: Microsoft Office Suite (Word, Excel, PowerPoint); Data Analysis; Management.

Research Assistant   **August 2023**
WSU Sensory Lab with Prof. Carolyn Ross   *Pullman, WA*

- Meal Preference Study with 60+ adults. Utilized Compusense and Automated Self-Assessment Dietary Assessment (ASA-24). **Skills learned**: Statistical Analysis on collected data. Data Visualization; Research constraints with human subjects.

Communications Intern   **January 2023–June 2023**
SFCC Disability Access Center   *Spokane, WA*

- Managed student data to drive insights through database; set up the system design for end-to-end flow with NoSQL. **Outcome**: Improved accuracy and efficiency of records.
- Effective client communication through automating onboarding process —20% increase in efficiency in internal communication processes.
- **Skills learned**: Problem-solving in new settings, Strategic thinking, and Client communication.

PROJECTS & SKILLS

- BCG Introduction to Strategy Consulting Job Simulation on Forage - November 2023
- JP Morgan Investment Banking Job Simulation on Forage - March 2024
- Google Data Analytics Professional Certificate
- CPR & BLS/AED Certificate
- **Programming Languages.** Python, HTML/CSS, LaTeX
- **Tools/Packages** R, Python Data Science tools

SELECTED PROFESSIONAL AND OUTREACH ACTIVITIES

- Designed (& painted entire storage unit) for the YES Program @ Youth Services at Newport, WA.
- Volunteered for animal care since the age of 12 at local shelters in Newport, WA.