**Professional Summary**

Data-driven and solutions-oriented data science graduate student with hands-on experience in technical support, statistical analysis, and collaborative research. Dedicated to building data systems that improve organizational performance and real-world outcomes. Skilled at translating technical findings into actionable improvements, with a deep interest in leveraging technology to enhance public services.

**Areas of Expertise**

* Data Analysis & Reporting
* Technical Problem Solving
* PSQL
* Database Management
* PowerBI
* Project Implementation & Management
* R
* Python
* Weka
* Custom Dashboards
* Tableau

**Relevant Professional Experience**

**Research Intern,** Monell Chemical Senses Cente**r**  | *Philadelphia, PA,* June 2022 – August 2022

* Designed and managed a clinical trial to investigate links between Paxlovid and dysgeusia, collaborating with supervisors on data strategy
* Created a trial results database and presented findings, demonstrating ability to transform raw data into practical insights
* Learned to communicate research outcomes to stakeholders with varied technical backgrounds

**Advanced Data Engineering Project,** Willamette University | *Salem, OR* May 2025 – Present

* Designed and maintained a real-time data pipeline using PostgreSQL, Apache Airflow, and Grafana to monitor simulated transit data based on the Prague metro system
* Engineered a PostgreSQL warehouse and automated ETL processes to track station-level events and detect operational anomalies
* Collaborated with peers in a fast-paced, production-like environment to ensure data quality, pipeline reliability, and actionable reporting

**Statistical Consultant Project,**  Juniata College | Huntingdon*, PA August 2022* **–** December 2022

* Used statistical tools (ANOVA, Chi-Square, Kruskal-Wallis) to uncover trends in alumni giving patterns and donor behavior
* Built visualizations and dashboards to communicate donation trends, enabling the school to reduce mailing costs by targeting only likely donors
* Gained experience in balancing group dynamics with deliverable deadlines in a professional consulting setting

**Education**

**Bachelors/Data Science**, Juniata College| *Huntingdon PA - Graduation May 2024*

**Masters/Data Science**, Willamette University | *Salem OR - Graduation August 2025*