Nathan Butler

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SUMMARY

Motivated and curious data science student with a strong passion for applying analytical methods to solve real-world problems. Experienced in conducting both collaborative and independent research across scientific and social domains, with a demonstrated ability to translate data into actionable insights. Adept at using statistical tools, programming languages, and visualization techniques to explore complex issues and drive data-informed decisions. Eager to contribute to mission-driven organizations that use data analysis to make meaningful societal impacts.

AREAS OF EXPERTISE

- Technical Support & Troubleshooting
- Data Analysis & Statistical Testing
- Interdisciplinary Scientific Research
- Team Collaboration & Project Leadership
- Customer Service & Communication
- Presentation Development & Public Speaking

SKILLS

Technical Tools & Programming Languages: Python, R, SQL, Java, Git, JavaScript, Tableau, Weka, PowerPoint, Google Slides, Adobe Photoshop
Platforms & Systems: Mac, Windows, Linux
Statistical Methods: ANOVA, Chi-Square, Kruskal-Wallis, Dunn Test

PROFESSIONAL EXPERIENCE

IT Help Desk Technician, Juniata College | Huntingdon, PA
Jan 2023 – May 2024

- Resolved technical issues for students and staff across Windows, Mac, and Linux systems
- Diagnosed and corrected Wi-Fi and printer connectivity problems
- Provided technical assistance in-person and remotely with a focus on user satisfaction

Cashier & Stock Clerk, Dari Mart | Eugene, OR
May 2023 – Aug 2023

- Handled register operations and processed customer transactions
- Stocked and organized inventory in front and back of house
- Prepared meals and assisted customers in a fast-paced retail environment

Cashier & Server, Strike City Bowling | Eugene, OR
Nov 2019 – Apr 2020

- Managed cash transactions and food service for customers
- Delivered friendly and efficient service in a busy family entertainment venue

INTERNSHIPS & PROJECT EXPERIENCE

Research Intern, Monell Chemical Senses Center | Philadelphia, PA
Jun 2022 – Aug 2022

- Investigated correlation between Paxlovid and dysgeusia
- Designed and conducted trials; developed a research database from subject data
- Analyzed trial outcomes and presented findings

Research Intern, Monell Chemical Senses Center | Philadelphia, PA
Jun 2021 – Aug 2021

- Explored potential links between pine nuts and dysgeusia using FDA database
- Conducted independent literature reviews and presented research to peers and staff

Statistical Consultant, MA-325-01 Course Project, Juniata College
Aug 2022 – Dec 2023

- Conducted EDA and statistical testing to analyze alumni donations
- Investigated trends based on sport played and donation timing
- Collaborated in a group of four and delivered comprehensive written and oral reports

EDUCATION

B.S. in Data Science, Major in Political Science
Juniata College | Huntingdon, PA

Masters in Data Science
Willamette university| Salem, OR
Graduation: August 2025

RECOMMENDATIONS

Melissa Innerst – Professor & Advisor, Juniata College Data Science Dept. | innerst@juniata.edu
Danielle Reed – Manager, Monell Chemical Senses Center | reed@monell.org