
Alayna Johnson

Statistics and
Community Health
Student

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Experience

Macalester College / Student Preceptor: Introduction to Statistical Modeling, Statistical Machine Learning, Epidemiology
September 2022 - PRESENT, St. Paul, MN

- Continuously refreshes subject expertise, ensuring effective teaching.
- Uses effective communication techniques to break down complex information into digestible parts.

CLUES / Community Recovery Specialist: COVID-19

October 2023 - February 2024, Part-Time Temporary, St. Paul and Minneapolis

- Organized and translated at community COVID-19 and Flu vaccination clinics.
- Established and nurtured community partnerships and conducted outreach initiatives to inform and motivate clients, boosting event attendance and engagement.
- Attended monthly Minnesota Department of Health CCC informational meetings to stay current on COVID-19 topics.

CLUES / Clinical Outreach Intern

June 2023 - September 2023, St. Paul and Minneapolis

- Conducted community surveys to assess interest and need for healthcare informational sessions, collecting valuable data to inform program development.
- Analyzed survey data to identify trends, preferences, and areas of interest within the community.

Education

Macalester College / Bachelor of Arts in Statistics, concentration in Community and Global Health (3.80 GPA)

Sept 2021 - May 2025, St. Paul

- STAT 454 - Bayesian Statistics, COMP 302 - Introduction to Database Management, STAT 354 - Probability, GEOG 394 - Introduction to GIS, STAT 212 - Intermediate Data Science, STAT 253 - Statistical Machine Learning, STAT 125 - Epidemiology, COMP 123 - Core Concepts in Computer Science, STAT 112 - Introduction to Data Science, STAT 155 - Introduction to Statistical Modeling

Skills

- Proficiency with R and Rstudio, and visualization in ArcGIS and Canva
- Experience with Excel, SQL, Tableau, and Python
- Spanish - workplace proficiency

Certifications

Google Data Analytics Specialization, Coursera, October 2023, TP3X2964UGKC