

# Jadon Freed

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## EDUCATION

### Senior at the University of Pittsburgh

August 2021 – April 2026

*Master of Arts in Statistics, Minors in Computer Science and Economics*

*Pittsburgh, PA*

- Relevant Coursework: Time Series Analysis in R, Data Visualization, Applied Regression, Data Modeling, Intermediate Statistical Probability, Intermediate Statistical Mathematics
- Relevant Coding Experience: Data Analysis and Sampling Program at PNC, Machine Learning with Data Analysis of Stock Price Prediction Program at Pitt
- Music Director in campus ministry RUF at Pitt (April 2022 -- Present)

## WORK EXPERIENCE

### Data Scientist – Statistics

January 2025 – Present

*University of Pittsburgh Statistics Department*

*Pittsburgh, PA*

- Develop logistic and linear regression models to analyze survey data in R
- Visualized and interpret results of regression models
- Applied data manipulation and data cleaning skills on qualitative survey data

### Technology Intern

May 2024 – August 2024

*PNC*

*Pittsburgh, PA*

- Develop Python data sampling bot integrating Pandas and NumPy to quality review suspicious transaction investigations
- Employ Agile methodologies to streamline software and automation development
- Utilize Jira to track issues and effectively communicate sprint progress

## PROJECTS

### Generative Adversarial Network (GAN) Stock Price Prediction Using Sentiment Analysis

*USRESP Competition Research Paper*

- Visualized model generated data using pandas and NumPy in Python
- Developed, trained, and tested generative adversarial network and multiple linear regression hybrid model
- Applied linear regression to test variable significance across multiple models

## SKILLS

### Data Analysis/Manipulation (R and Python)

- Proficient in Pandas, NumPy, and ggplot2
- Experience data wrangling and manipulation

### Analytical and Problem-Solving

- Strong analytical problem-solving skills; detail oriented, organized

### Time Series Analysis and Forecasting

- Experience analyzing, modeling, and forecasting time series in R

### Leadership and Communication

- Experienced leader, interpersonal communication skills, efficiently managing and prioritizing multiple tasks simultaneously

## EXTENDED RELEVANT COURSEWORK

- Applied Statistical Methods I & II
- Statistical Learning and Data Science
- Data Structures and Algorithms I & II
- Linear Model Theory

## INTERESTS

- Volleyball, Disc Golf, Youth Ministry, Travel, Fitness, Music