

MATTHIAS QUINN

DATA ANALYST

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Executive Summary

I am an analytically minded developer with 5 years of experience in data analysis and 2 years of experience in model building. I hold a Master of Science in mathematics with a specialization in statistics where I created software in Python for analyzing the validity of clustering models.

Experience

Jul 2021 - Present

DATA ANALYST

Progressive Insurance, Mayfield, OH

- Applied modern design to business-facing analytics solutions.
- Reviewed large amounts of data across multiple platforms and sources to determine operational impacts and needed actions.
- Developed and modeled internal metrics using SQL, Python, Tableau, and PowerBI.
- Extracted key observations and insights from internal and external data sources to drive decision-making.

Aug 2019 - Dec 2021

GRADUATE ASSISTANT

Cleveland State University, Cleveland, OH

- Provided walk-in tutoring for statistics courses at all levels at C.S.U.
- Utilized different teaching strategies to best assist student clientele.

May 2020 - Jul 2020

RESEARCH ASSISTANT

Cleveland State University, Cleveland, OH

Education

Dec 2021

MASTER OF SCIENCE (M.S.) IN STATISTICS

GPA 4.0

Cleveland State University
Cleveland, OH

Awards & Honors

Graduate Assistantship

Extracurricular Activities

Math Club
Data Fest

May 2019

BACHELOR OF ARTS (B.A.) IN FINANCE

Cleveland State University
Cleveland, OH

Awards & Honors

Dean's List

- Analyzed the ADD Health database.
- Created hierarchical / SEM models to identify at-risk youth.

Skills

- | | | |
|--------------------|----------------------|-------------|
| • Data Analysis | • Python | • MS Office |
| • SQL | • R | • Tableau |
| • Machine Learning | • Data Visualization | • SAS |

Publications

Explaining the school-to-prison pipeline via race and gender: The impact of trauma, school suspension, school dropout, and delinquency – Tedor, Mallett, Quinn, Quinn

Examining Trauma and Crime by Gender and Sexual Orientation among Youth: Findings from the Add Health National Longitudinal Study – Yun, Tedor, Mallett, Quinn, Quinn