MATTHIAS QUINN

[PORTFOLIO WEBSITE](#)

📞 (330) 741-1068   ✉ miq_qedquinn@yahoo.com   📍 Brunswick, OH 44212   [GitHub](#)

Executive Summary

I am an analytically minded [developer](#) who currently works remotely as a data scientist. 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

Feb 2023 – Present

SENIOR DATA SCIENTIST
Progressive Insurance, Mayfield, OH
- Lead architect of multiple production models to explain and make underwriting decisions.

Jul 2021 – Jan 2023

DATA ANALYST
Progressive Insurance, Mayfield, OH

- Utilized applied statistics to quantify project-specific effects on claims.
- Progenitor of department-wide API PoC.
- Reviewed large amounts of data across multiple sources to determine operational impacts and recommended actions.
- Developed and modelled internal metrics using SQL, Python, Tableau, and PowerBI.

Aug 2019 – Jul 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.

Education

Dec 2021

MASTER OF SCIENCE (M.S.) IN STATISTICS
GPA **3.95**
Cleveland State University
Cleveland, OH

Awards & Honors
Graduate Assistantship
Applied Predictive Modeling Cert

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

May 2020 – Jul 2020   *RESEARCH ASSISTANT*

Cleveland State University, Cleveland, OH

- Analyzed the ADD Health database.

- Created hierarchical / SEM models to identify at-risk youth.

Skills

- Data Analysis
- SQL
- Tableau

- Python
- R
- Snowflake

- Statistical Learning
- Tableau
- 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