




# MATTHIAS QUINN

[PORTFOLIO WEBSITE](#)

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## 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

- Aug 2025 - Present **SENIOR DATA ENGINEER**  
Progressive Insurance, Mayfield, OH
- Lead architect of multiple solutions for Gen. AI enablement team.
  - Utilized multiple leading-edge techniques for LLM use cases for various business partners.
- Feb 2023 – Aug 25 **SENIOR DATA SCIENTIST**  
Progressive Insurance, Mayfield, OH
- Lead architect of multiple production models to explain and make underwriting decisions.
- Extensively used S3, EC2, DynamoDB, IAM, CloudWatch AWS services.
- 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.

## 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

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.

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.

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**Skills**

- Data Engineering
- SQL
- Tableau
- Python
- R
- Snowflake
- AWS
- Tableau
- SAS

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**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