

Michael Dymek

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Summary of Qualifications

- **Master's of Science** in Mathematics with experience in statistical analysis, modeling, and research.
- Experience analyzing massive datasets and statistical analyses through IRS research experience.
- Strong written and verbal communication skills honed through education and tutoring experience.
- Tools:
 - Programming Languages: Python, R, SQL, MATLAB, Mathematica
 - Analytic Tools: Excel, PowerBI Jupyter Notebook
 - Office Tools: Microsoft Office Suite, Microsoft Teams, Zoom, LaTeX, HTML and CSS

Education

Master's of Science in Mathematics Western Washington University, <i>Bellingham WA</i>	Sep. 2021 – Jun. 2023
Bachelors of Science in Applied Mathematics and Physics with Minor in Astronomy Western Washington University, <i>Bellingham WA</i>	Sep. 2017 – Jun. 2021

Experience

Mathematical Statistician (Data Scientist) – U.S. Internal Revenue Service Aug. 2024 – Present
Impacted by government-wide termination of probationary employees. See/request letter from manager Christina Hui for additional details.

- Worked within a small business intelligence team working on projects like analyzing clean energy tax credits and estimating collected revenue compared to assessed revenue.
- Queried the massive Compliance Data Warehouse by developing SQL queries.
- Utilized Jupyter Notebook to analyze queried data using numpy, matplotlib and pandas.

Science and Math Teacher – Fusion Academy Seattle Oct. 2023 – Jul. 2024

- Led a unique 1-on-1 style classroom for approximately 20 students over the 2023-2024 school year.
- Covered a wide variety of classes and age levels, including middle school science, pre-algebra, algebra based physics, trigonometry, geometry, calculus, computer literacy, coding, and more.
- Used Canvas as primary class planning and management system.

Graduate Student Teacher – WWU Math Department Sep. 2021- Jun. 2023

- Taught 30-student introductory math classes under the advice of a lead instructor. Created and delivered lesson plans that aligned with the course objectives.
- Met with students one-on-one and in small groups to provide individualized help with course material.
- Graded student's work while providing specific, constructive, and actionable feedback.
- Met weekly with the lead instructor and TAs to discuss the progress of the class. Worked to develop a consistent grading rubric and grading policy.

Relevant Projects and Certifications

Power BI LinkedIn Training Course ([Link](#))

- Completed full introduction to Power BI, which consisted 50% video lecture and 50% project work.
- Project involved importing customer order data from various files types, using Power Query to process data, and displaying a dashboard on sales which could be refined by location, date, and product category tree.

Udemy SQL Training Course ([Link](#))

- Completed full introduction to interacting with databases using SQL, documenting my progress on [Github](#) with summaries and annotated queries.

Actuarial Exams

- Taken and passed the Probability exam from the Society of Actuaries.