

Matthew Ki

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EDUCATION:

Bowling Green State University

Master of Arts in Mathematics with a Specialization in Statistics

Bowling Green, OH

Aug. 2022 – May 2024

- Cumulative GPA: 4.0/4.0
- Relevant Coursework: Probability and Mathematical Statistics (Text: *Statistical Inference* - Casella, Berger), Bayesian Statistics, Real Analysis, Linear Algebra, Survival Analysis

Owens Community College

Visiting Student

Toledo, OH

Jan. 2022 – Dec 2022

- Cumulative GPA: 4.0/4.0
- Relevant Coursework: Calculus I, II, III

University of Toledo

Bachelor of Business Administration

Toledo, OH

Aug. 2017 – May 2021

- Major: Accounting & Finance
- Cumulative GPA 3.7/4.0 | Accounting GPA 4.0/4.0 | Finance GPA 4.0/4.0

RESEARCH EXPERIENCE

Bowling Green State University

Mathematics and Statistics Department

Bowling Green, OH

Feb. 2023 – May 2024

- Master's Thesis Working Title: *A Statistical Analysis of GDP Data*
 - Advisor: Dr. Shang

PROFESSIONAL EXPERIENCE:

Teaching Associate

Mathematics and Statistics Department (Bowling Green State University)

Bowling Green, OH

Aug. 2022 – May 2024

- Sole instructor for two introduction to statistics courses (MATH 1150) per semester
- Led class discussions, organized and guided class activities, answered student questions, created a space for higher academic achievement

Kripke Enterprises Inc.

Accountant

Toledo, OH

Jun. 2021 – Mar. 2022

- Created financial dashboards in Microsoft Power BI to clearly visualize the time series data of company revenues, financial position, and working capital across various company segments
- Built a financial model forecast delivering insights to management on future cashflows and income projections out to the year 2026 based on the historical volume of metal sales and economic variables

Ernst & Young

External Audit Intern

Toledo, OH

Jan. 2021 – Mar. 2021

- Leveraged EY's data analytics software to compound large data sets to reconcile trial balances in accordance with GAAP and SOX
- Worked on the allowance account at a regional commercial bank analyzing debt covenants, collateral, and financial ratios to ensure the proper risk rating was appropriate for the loans

SKILLS:

- **Programming Languages:** R, Python, LaTeX