
EDUCATION

Bowling Green State University

M.A., Economics (2025)

M.S., Applied Statistics and Operations Research (2024)

Hillsdale College

B.A., History (2020)

TECHNICAL SKILLS

- Statistical Modeling
- Bayesian Analysis
- Experimental Design
- Sample Design
- Econometrics
- Machine Learning (ML)
- Monte Carlo Simulation
- R
- Python

PROFESSIONAL SKILLS

- Deploy analytic and predictive statistical models
- Coordinate teams on large-scale, long-range projects
- Establish innovative, mutually beneficial partnerships
- Communicate technical concepts to non-technical stakeholders
- Understand and articulate different points of view strongly
- Conduct public presentations and field questions

EXPERIENCE

Florida Department of Education

Director of Research and Analytics, Florida College System (FCS)

Tallahassee, FL

Jan 2026 – Present

- Oversee statutory reporting for the Florida College System.
- Lead a collaborative taskforce to produce an operations manual that will assist colleges undertake ERP migrations.
- Conduct long-term studies on student enrollment, student outcomes, and college efficiency.
- Build internal databases and applications to expedite data collation, aggregation, search, and summary.
- Advise FCS chancellor and executive vice-chancellor on AI-related topics.

Designetics

Data Scientist (contract)

Holland, OH

Oct 2025 – Present

- Built Shiny applications to automate defect report generation and increase scope of defect tracking.
- Implemented a proprietary inventory itemization nomenclature that linked inventory systems to manufacturing and reporting systems.

Bowling Green State University

Graduate Researcher

Bowling Green, OH

Oct 2022 – Aug 2025

- Applied clustering algorithms to maximize coverage and minimize route-lengths for potential new routes of the university shuttle system based on student living density; used vehicle routing problem (VRP) heuristics to corroborate findings.

- Developed a predictive model for which NCAA basketball players would enter the transfer portal; wrote dynamic web-scraping script to curate data from recruiting and transfer-portal websites.
- Designed and carried out prompt-engineering factorial experiments on LLMs to determine prompt-sensitivity and response-variability on generating survey questions and response options; measured quality of questions and response options with Survey Quality Predictor (SQP) metrics.

Statistics Tutor

2022-2023

- Tutored undergraduate business students in statistics and business analytics courses.

Revere Bible College

Monclova, OH

Instructor

Jan 2024 – Dec 2024

- Taught courses and developed curriculum for POLI-1200 (The American Heritage) and POLI-2100 (Christian Political Theory).

Prolego Press

Bowling Green, OH

Editor

Jul 2023-Present

- Manage republication of historical texts, including research for footnotes and annotations, and wrote style-guide for 16th and 17th century manuscripts.
- Write OCR scripts and integrate LLMs into publication workflows.
- Coordinate reviewers, marketers, and distributors.
- Oversee the Whitaker Fellowship summer program for Hillsdale College undergraduates.

Alliance Quizzing

Maumee, OH

National Executive Board (Chair for Institutional Advancement)

2023-Present

- Create bilateral institutional partnerships to ensure future growth
- Reduced national executive board's yearly financial obligations by an average of 34% from 2023-25.
- Wrote the executive board's new governing constitution, bylaws, and SOPs to guide the executive board through a significant institutional transition.
- Established and still maintain data-reporting procedures to track participation and retention rates across all districts; use reported data and test data gathered from events to guide marketing decisions.

Great Lakes District (Assistant District Coordinator)

2020-Present

- Oversee all yearly district events and administer two large inter-district events.
- Implemented reforms and initiatives that have led to 138% total increase (15.5% annualized) growth in participants.

Ring Digital

Maumee, OH

Research Analyst

Feb 2021 – Apr 2022

- Leveraged client data to prepare analytical reports on consumer and voting patterns.
- Created detailed candidate profiles and track all election developments for political clients.
- Analyzed customer and voter survey data for statistically important results and trends.

Checkmate Chess Academy

Maumee, OH

Chess Coach

2020-2023

- Taught group and individual chess lessons to middle schoolers and high schoolers.
- Organized classical and blitz chess tournaments.

Josiah Leinbach

M.S., M.A.

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Hillsdale College

Winston Churchill Fellow in History and Politics

Hillsdale, MI

2017-2020

- Assisted in publishing Vols. 21, 22, and 23 of *The Churchill Documents* (23 volumes, 33,200 pages); researched footnotes and annotations, edited transcribed documents, and instructed new fellows in editorial style-guide.
- Invented metadata cataloging system for Sir Martin Gilbert's personal archive (65,000 documents).

AWARDS

3-Minute Thesis regional semi-finalist, Midwest Association of Graduate Schools	2025
Director's Award, Hoover Institution (Stanford University) – <i>public policy research</i>	2024
James A. Sullivan Award, BGSU – <i>outstanding service to the statistics department</i>	2024
Arlan P. Gilbert Award, Hillsdale College – <i>original historical research</i>	2020