

# Brian Lookabaugh

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## Education

### UNIVERSITY OF NORTH TEXAS

PH.D. IN POLITICAL SCIENCE

📅 08/2020 - 12/2023 📍 Denton, Texas

### UNIVERSITY OF NORTH TEXAS

MASTER OF SCIENCE IN POLITICAL SCIENCE

📅 08/2018 - 05/2020 📍 Denton, Texas

### UNIVERSITY OF TEXAS AT TYLER

BACHELOR OF SCIENCE IN POLITICAL SCIENCE

📅 01/2017 - 05/2018 📍 Tyler, Texas

## Links

[Personal Website](#) 🔗

[GitHub Profile](#) 🐙

[LinkedIn Profile](#) in

## Skills

### PROGRAMMING

- R
- Python
- SQL
- Stan
- Stata

### SOFTWARE

- Quarto
- Git
- Microsoft Office

### DATA SCIENCE / STATISTICS

- Research Design
- Data Analysis
- Data Visualization
- Statistical Modeling
- Causal Inference
- Experimental Design
- Survival Analysis
- Panel Data Analysis
- Bayesian Statistics
- Predictive Machine Learning
- Causal Machine Learning
- Natural Language Processing
- Multilevel Modeling
- Missing Data Imputation
- Simulation
- Generalized Additive Modeling

References available upon request.

## Experience

### RESEARCH ANALYST

FORS MARSH

📅 11/2023 - Present

📍 Remote

- Assisted in the ongoing creation of a longitudinal data set contracted by the Election Assistance Commission to track trends and patterns in federal election administration bi-annually.
- Assembled a novel election administration longitudinal data set and developed a quasi-experimental research design using marginal structural models to estimate the effect of voting equipment on voter election confidence.
- Assisted in the ongoing development of a federally-commissioned data set to track state-level spending on Help American Vote Again (HAVA) grants.

### RESEARCH INTERN - PROGRAM EVALUATION

FORS MARSH

📅 06/2023 - 11/2023

📍 Remote

- Analyzed data and visualized and reported on trends in U.S. elections and voting behavior to be presented in a Report to Congress.
- Regularly communicated with federal stakeholders such as the U.S. Election Assistance Committee and Federal Voting Assistance Program to review expectations for project scope and deadlines.
- Discussed topics related to data collection and survey design with election officials from various states.
- Developed automation processes to efficiently update and reproduce documentation and graphics.

### RESEARCH ASSISTANT

UNIVERSITY OF NORTH TEXAS

📅 01/2023 - 08/2023

📍 Denton, Texas

- Developed a research design for an article employing a novel matching estimator with the intent to publish in a peer-reviewed journal.
- Collected, manipulated, and analyzed data to implement under a quasi-experimental research design.
- Researched and collected novel and up-to-date literature on the execution of causal research designs with panel data in pursuit of an estimation strategy for a journal-quality research article.

### QUANTITATIVE SOCIAL SCIENTIST

UNIVERSITY OF NORTH TEXAS

📅 08/2020 - 12/2023

📍 Denton, Texas

- Collected, cleaned, and visualized data on a variety of individual and collaborative projects.
- Developed quasi-experimental research designs to explicitly estimate causal effects across a broad collection of projects.
- Routinely consulted with stakeholders to maintain clear expectations of project goals and provided updates on project progress.
- Frequently analyzed and systematically organized findings from relevant quantitative studies.