

# SEAN CONNER

## CONTACT INFO

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🔗 [github.com/scconner7](https://github.com/scconner7)

## PROFESSIONAL EXPERIENCE

Present  
|  
Aug. 2020

### Solutions Engineer II

Green Mountain Technology

📍 Remote full-time

- Conduct *ad hoc* strategic analyses of parcel shipping networks for multiple Fortune 100 companies, such as request for proposal (RFP) evaluations and network optimizations.
- Work daily with large, complex datasets to create automated report pipelines and business intelligence dashboards using combinations of SQL, R / RMarkdown, Shiny, Excel, and Tableau.
- Summarize and present *ad hoc*, weekly, and monthly analyses to audiences up to senior VP-level executives of Fortune 100 companies.
- Developed and maintain an internal R package for the modularization of strategic analyses, creation / database upload of net rate matrices, and bulk, cross-customer exception management.
- Led operations-wide roll-out of Git & GitLab with self-authored tutorial documents and live demos.
- Lead weekly engineer alignment meetings to share methods and standardize work.

Aug. 2020  
|  
Aug. 2019

### Research Associate

MS State University - Stennis Institute of Government 📍 Starkville, MS

- Conducted factor analysis and regression modeling of state agencies' employee engagement and turnover intention.
- Presented results to state agency executives, academic conferences, and local-level elected officials.
- Served as principal investigator (PI) on three survey projects.
- Served as Co-PI on a comprehensive program inventory report of education, health, and safety programs provided to K-12 children in MS for the state auditor's office.

Aug. 2019  
|  
July 2017

### Graduate Research Assistant

MS State University - Stennis Institute of Government 📍 Starkville, MS

- Created Shiny web applications to clearly visualize customizable reports requested by stakeholders.
- Performed event-history / survival analyses to estimate jurisdictions' policy adoption likelihoods.
- Presented academic research projects and attended interactive workshops at conferences around the country.

May 2017  
|  
Aug 2016

### Graduate Teaching Assistant

MS State University - Communications Dept.

📍 Starkville, MS

- Taught students to record television-quality video and audio and edit both with Adobe Premiere.

April 2014  
|  
Jan. 2014

### Technical Intern

MS Legislative PEER Committee

📍 Jackson, MS

- Collected and cataloged program inventory data from county-regional and private prison facilities across the state for the Pew-MacArthur Results First Initiative, a comprehensive cost-benefit analysis of government programs across the country.
- Provided legislative briefs and data visualizations to committee members.
- Assisted with survey questionnaire construction, sampling, and presentations of findings.

## LANGUAGES AND TOOLS

R	●	●	●	●	●
SQL	●	●	●	●	●
Tableau	●	●	●	●	●
Git	●	●	●	●	●
HTML	●	●	●	●	●
CSS	●	●	●	●	●
Python	●	●	●	●	●

## CERTIFICATIONS

IBM Data Science Fundamentals

Specialization ([verification link](#))

## SKILLS

Data Visualization

Shiny

Writing

Statistical Analysis

Regression Modeling

Data Cleaning

R Markdown

R tidyverse

Data Engineering

Business Intelligence

Survey Design

Microsoft Office

GitLab / GitHub

Time-Series

Atlassian Cloud

R Package Development

Data Warehousing

Econometrics

Event-History Analysis

Machine Learning

*This resume was made with the R package [pagedown](#).*


*Code available on my GitHub [here](#).*

*Last updated on 2022-08-13.*




## EDUCATION


Present  
(anticipated  
graduation  
Fall 2023)

- **MS State University**  
Ph.D - Public Policy and Administration  Starkville, MS  
  
GPA 4.00 / 4.00

Aug. 2018  
|  
Aug. 2016



- **MS State University**  
Master of Public Policy and Administration (MPPA)  Starkville, MS  
  
GPA 4.00 / 4.00

Aug. 2015  
|  
Aug. 2010

- **University of MS**  
Bachelor of Arts in Political Science  Oxford, MS  
  
GPA 3.34 / 4.00



## LEADERSHIP & AWARDS

- **MS State University**  
Student  Starkville, MS
  - Outstanding Graduate Student (2018).
  - Student Representative for MPPA program (September 2017 – May 2018).
  - Graduate Student Adviser to Stennis-Montgomery Association, a student organization promoting civic engagement (2018).
  - The Honor Society of Phi Kappa Phi (2017-2018).
  - Best Graduate Student Presentation at MS Political Science Association Conference (2018).
- **University of MS**  
Student  Oxford, MS
  - Dean's List (four semesters).
  - Representative for University of MS at the National Model United Nations in NYC (2010).
  - Pi Sigma Alpha, the Political Science Honors Society (2014-2015).
  - Provost Scholar (2010-2015).
  - President of the Senate for University of MS Model Senate (Fall 2013).