

# SEAN CONNER

Currently searching for a Data Scientist position

## PROFESSIONAL EXPERIENCE

- Present  
|  
Aug. 2020
- **Solutions Engineer**  
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.

## CONTACT INFO

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📞 +1 601-490-5086

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

## 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
- Business Intelligence
- Survey Design Microsoft Office
- GitHub / GitLab 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 2022-06-13.




## 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).