# **SEAN CONNER**

# 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.
- Develop 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.
- Organized 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

- 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.

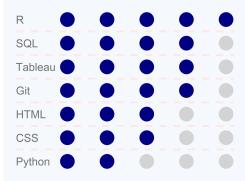
#### **CONTACT INFO**

scconner7@gmail.com

**J** +1 601-490-5086

github.com/scconner7

## **♣** LANGUAGES AND TOOLS



#### **#** CERTIFICATIONS

IBM Data Science Fundamentals Specialization (verification link)

## □ SKILLS

Data Visualization Shiny
Writing Statistical Analysis
Regression Modeling
Data Cleaning R Markdown
Quarto R tidyverse
Data Engineering
Business Intelligence

Survey Design Microsoft Office

GitLab / GitHub Time-Series

Atlassian Cloud R Package Dev

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 2023-03-11.

# **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. 2014 Aug. 2010 **University of MS** 

Bachelor of Arts in Political Science

Oxford, MS

GPA 3.34 / 4.00

### **LEADERSHIP & AWARDS**

#### **Green Mountain Technology**

Solutions Engineer II

• Remote full-time

• Most Valuable Player (MVP) Award, nominated by peers and chosen by senior leadership for 1 of only 2 such awards company-wide each year (2022).

#### **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).
- Provost Scholar (2010-2014).
- President for University of MS Model Senate (Fall 2013).