

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

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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🔗 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

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 2023-03-10.




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

- **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 (2014-2015).
 - Provost Scholar (2010-2015).
 - President of the Senate for University of MS Model Senate (Fall 2013).