SEAN CONNER

💻 PROFESSIONAL EXPERIENCE

Solutions Engineer II
Present
|
Aug. 2020

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.

Research Associate
Aug. 2020
|
Aug. 2019

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.

Graduate Research Assistant
Aug. 2019
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July 2017

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.

Graduate Teaching Assistant
May 2017
|
Aug 2016

MS State University - Communications Dept.   📍 Starkville, MS
- Taught students to record television-quality video and audio and edit both with Adobe Premiere.

Technical Intern
April 2014
|
Jan. 2014

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 2023-03-11.

🎓 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).