SEAN CONNER

Currently searching for a Data Scientist position

CONTACT INFO

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💼 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 2022-06-12.

🖥 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
MSU - John C. 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
MSU - John C. 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
MSU - 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 finding.

🎓 EDUCATION

Mississippi State University (MSU)
Ph.D - Public Policy and Administration   📍 Starkville, MS

Present (anticipated graduation Fall 2023)

GPA 4.00 / 4.00

MSU
Master of Public Policy and Administration (MPPA)   📍 Starkville, MS

Aug. 2018 | Aug. 2016

GPA 4.00 / 4.00

University of Mississippi (UM)
Bachelor of Arts in Political Science   📍 Oxford, MS

Aug. 2015 | Aug. 2010

GPA 3.34 / 4.00

🏅 LEADERSHIP & AWARDS

MSU
Student   📍 Starkville, MS

• Voted Outstanding Graduate Student by faculty (2018).
• Student Representative for MPPA program (September 2017 – May 2018).
• Graduate Student Advisor to Stennis-Montgomery Association, a student organization promoting civic engagement (2018).
• The Honor Society of Phi Kappa Phi (2017-2018).
• Awarded cash prize for best graduate student presentation at MS Political Science Association Conference (2018).

UM
Student   📍 Oxford, MS

• Dean's List (four semesters).
• Represented UM at the National Model UN in NYC (2010).
• Pi Sigma Alpha, the Political Science Honors Society (2014-2015).
• Provost Scholar (2010-2015).
• Elected President of the Senate for UM Model Senate (Fall 2013).