



Devin Johnson

RESEARCHER | DATA SCIENTIST | EDUCATOR

New York, NY

✉ johnson.devinlouis@gmail.com | 🏠 johnson-dl.github.io | 📷 johnson-dl | 🌐 devinjohnson

Research and Data Scientist with experience working in academic, private, and non-profit research. Passionate about statistics and data science education as well as helping organizations make data driven decisions.

Employment

Data Science Mentor

RSTUDIO

Remote

August 2022 -> Present

- Supporting clients in developing skills in data cleaning and statistical analysis using R and RStudio

PhD Candidate / Teaching Assistant

McMASTER UNIVERSITY

Hamilton, Ontario

September 2019 -> Present

- Conducted novel research leading to the 3 scientific publications
- Supervised 2 undergraduate students in completing year long thesis projects
- Trained teams of researchers on Git and Github for collaborative data analysis
- Acted as department teaching assistant for undergraduate and graduate statistics courses

Research and Evaluation Associate

iMENTOR

New York, NY

Oct 2019 -> Sep 2019

- Designed program evaluation experiments from open-ended stakeholder questions
- Delivered research findings to non-technical audiences with clear recommendations
- Developed metrics for student/mentor engagement and relationship quality
- Contributed to internal SQL library to pull relevant data for reporting
- Utilized K-Means clustering to find groups of student/mentor pairs in need of support

Data Analyst

ENVIROSELL

New York, NY

Jan 2016 -> Feb 2018

- Co-Lead initiative to implement inferential statistical analysis into project workflows
- Ran SQL queries in MS Access to quality check manually entered data for errors
- Managed a team of 5 data assistants in data entry and data cleaning

Skills

Software

SQL, R, PYTHON, TABLEAU, EXCEL, GITHUB

Statistics

REGRESSION (HIERARCHICAL, LOGISTIC, BAYESIAN), K-MEANS CLUSTERING, TOPIC MODELING

Additional

STRONG WRITTEN AND VERBAL COMMUNICATION SKILLS, COLLABORATIVE WORKING, PROBLEM SOLVING, PROJECT MANAGEMENT

Education

PhD in Experimental Psychology

McMASTER UNIVERSITY

Hamilton, ON - Canada

2019 ->

MSc in Psychological Research Methods

UNIVERSITY OF STIRLING

Stirling, Scotland - United Kingdom

2013 -> 2014

BA in Philosophy and Psychology (Magna Cum Laude)

UNIVERSITY AT ALBANY

Albany, NY - USA

2009 -> 2013