

Michael J. Schillawski

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An insightful data scientist who enjoys solving problems and develops pragmatic strategies to help clients make better decisions.

Skills

Python (Data science stack: Pandas, Numpy, SciPy, Scikit-learn, StatsModels, Matplotlib, etc.), Tableau, SQL, Amazon Web Services, Stata, GIS, Git, Scala, R, SPSS, Catalist QTool, Op/Tech Crosstabs (OSCAR), Intranet Quorum (IQ)

Professional Experience

General Assembly

Washington, DC

Data Science Immersive Student

Jan 2018 – April 2018

- Participated in a full-time immersive Data Science course, completing in-class projects and personal projects focused on real-world applications of data science principles and best practices.
- Developed the ability to analyze, make sense of, and convey data-driven facts from massive data sets, and predict what happens next through predictive modeling and pattern recognition.
- Acquired, cleaned, and explored large datasets using Python, SQL, and Tableau in order to present findings to both technical and non-technical audiences.
- Built a portfolio of individual and collaborative in-class projects, including [forecasting future sales revenue](#) using linear regression and [predicting user engagement with Reddit posts](#) using logistic regression and webscraping.

Greenberg Quinlan Rosner Research

Washington, DC

Senior Associate

Nov 2013 - Nov 2016

- Designed an AWS repository to migrate over 4,000 surveys and 4 million individual records.
- Managed a data warehouse and intake standards for one of the largest proprietary survey repositories in the United States using PostgreSQL, AWS, and Amazon S3.
- Conducted predictive analytics, using logistic regression, multi-level hierarchical models, cluster and factor analysis, and ANOVA to present quantitative insights for organizations using Stata.
- Built visualizations using Tableau Desktop and Tableau Server to synthesize and present statistical models and research findings.
- Designed public opinion surveys, supervised sampling and execution of surveys, documented analytic results, and presented strategic research to key stakeholders.
- Worked with voter file microdata to produce actionable targeting recommendations and model different turnout scenarios.
- Supervised day-to-day operations for a 6-person team.

The Feldman Group

Washington, DC

Analyst

April 2011 - May 2013

- Conducted public opinion research, supervised survey fielding, analyzed data, and wrote strategic reports for 6 political clients.
- Developed data-based political and strategic advice and recommendations.
- Managed project timelines and relationships with calling house vendors and clients.
- Supervised and trained 4-person data processing team.

Education

General Assembly

Washington, DC

Data Science Immersive Student

Jan 2018 – April 2018

Cornell University

Ithaca, NY

College of Arts and Sciences

May 2010

Bachelor of Arts in Government (Magna Cum Laude) and Economics

Government Honors Thesis, “The Financial Geography of the Presidency: 1992-2008”