ANDY GREEN

Personal Website • LinkedIn • GitHub

EDUCATION

2021   **Georgetown University, McCourt School of Public Policy**
Master of Science in Data Science for Public Policy (MS-DSPP)

2014   **University of Michigan, Stephen M. Ross School of Business**
Bachelor of Business Administration (BBA)

RESEARCH EXPERIENCE

2021 – Present   **Urban Institute**
Research Analyst
• My work focuses primarily on applications of the Health Insurance Policy Simulation Model (HIPSM), a microsimulation model used to estimate the effects of various reforms on health insurance coverage and costs. In addition to developing and using HIPSM, I create data visualizations, analyze administrative and survey data, and help write and edit various publications.

2020 – 2021
(Part-time)   **Massive Data Institute, Georgetown University**
Graduate Research Assistant
• Analyzed the ideology of 2020 congressional election candidates using text data from candidates' websites and Twitter accounts. This involved using web scraping techniques to collect the text data, natural language processing methods to prepare the data for analysis, cosine similarity and other techniques to create measures of ideology, and statistical models to investigate the relationship between ideology and electoral performance.

2020 (Summer)   **U.S. Census Bureau**
Civic Digital Fellow – Data Science
• Created a proof-of-concept for an extension of the Census Bureau's County Business Patterns data series, by adding revenue as an additional metric to the existing product. This involved developing outlier detection models, creating imputation algorithms, and analyzing discrepancies between administrative and survey data sources.

2019 (Part-time)   **Center for Retirement Initiatives, Georgetown University**
Graduate Research Assistant
• Contributed research and writing on various retirement-related policy issues, including auto-portability, state-facilitated retirement savings programs, and lifetime income generation.

ADDITIONAL EXPERIENCE

2015 – 2019　　　　　**Lidl US**
Promotions Manager → Senior Promotions Manager
• Helped lead the international launch of Lidl's US operations, as a senior manager on the promotions team. I developed and implemented the company's promotional strategy, established my team's cross-functional processes, completed comprehensive financial planning, and led a team of direct reports through Lidl's initial launch and first two years of operations.

2014 – 2015　　　　　**Target Corporation**
Business Analyst → Senior Business Analyst
• Managed the inventory portfolio for Target's haircare category across the entire chain and online, a $739M business. I forecasted future demand for promotional events, analyzed inventory allocation relative to sales, and executed the launch of hundreds of new items.

2014 (Part-time)　　　**University of Michigan, Stephen M. Ross School of Business**
Business Economics Tutor

2013 (Summer)　　　　**Target Corporation**
Business Analyst Intern

2012 (Summer)　　　　**Compass Lexecon**
Economic Consulting Intern

PUBLICATIONS

Research Reports and Briefs:

Matthew Buettgens and **Andrew Green**. September 2021. "What Will Happen to Unprecedented High Medicaid Enrollment after the Public Health Emergency?" Urban Institute.

Jessica S. Banthin, Michael Simpson, and **Andrew Green**. September 2021. "The Coverage and Cost Effects of Key Health Insurance Reforms Being Considered by Congress." Commonwealth Fund.

Blogs and Data Stories:

Andrew Green. August 2020. "Visualizing COVID-19 Policy Responses and Outcomes by State and Party." Georgetown Public Policy Review.

Andrew Green. April 2020. "COVID-19 Cases and Unemployment Claims by State." Georgetown Public Policy Review.

Andrew Green. February 2020. "The Growing Divide: Red States vs. Blue States." Georgetown Public Policy Review.

Benjamin Roth, **Andrew Green**, and Angela Antonelli. February 2020. "Auto-Portability: What it is, Why it's Needed, and How it Will Strengthen Retirement Security." Center for Retirement Initiatives.

Andrew Green. January 2020. "Relationships Between Party Control of State Government and Key Well-Being Metrics." Georgetown Public Policy Review.

TECHNICAL SKILLS

Languages and Platforms:
- Advanced: R, Python, Tableau, Microsoft Excel
- Basic: AWS, Command Line, Git/GitHub, Hadoop, Spark, SQL, Stata, VBA

Skills: Data wrangling, data visualization, machine learning, natural language processing, web scraping, cloud computing, econometrics, version control/git

COMMUNITY INVOLVEMENT & RECOGNITION

• Mentor for students in Coding it Forward's Civic Digital Fellowship program (Volunteer, 2021)
• Senior Data Visualization Editor for the Georgetown Public Policy Review (Volunteer, 2019-2021)
• Recipient of the "Most Outstanding Master of Science in Data Science for Public Policy Student" award from the McCourt School of Public Policy (2021)
• Recipient of the McCourt School of Public Policy Dean's Scholarship (2020)