Michael Z. Gill

CONTACT INFORMATION	Center for Data Science, New York University 60 5th Avenue, New York, NY 10011	✉ mzgill@nyu.edu

INTERESTS   Data science (causal inference, machine learning, NLP); social science (politics, political economy, game theory)

EMPLOYMENT

Moore-Sloan Data Science Fellow   **2016–**
Center for Data Science
New York University, New York, NY USA

EDUCATION

Harvard University, Cambridge, MA USA   **2010–2016**
Ph.D., M.A., Government
Dissertation: "Empirical Essays on Secrecy and Security in the United States"
Committee: Gary King (Chair), Jeff Frieden, Kenneth Shepsle, Dustin Tingley

Columbia University, New York, NY USA   **2010**
B.A. Political Science, with Department Honors, *magna cum laude*

RESEARCH PAPERS

"Firm and Product Embeddings" (with C. Herwana, L. Ren, and J. Toy)

"Uncertainty-Aware Conditional Word Embedding using Bayes-by-Backprop" (with K. Cho, R. Han, and A. Spirling)

"Estimating the Severity of the WikiLeaks U.S. Diplomatic Cables Disclosure" (with Arthur Spirling), 2015, *Political Analysis*, 23(2): 299–305.

"Economic Benefits of Conflict? Estimating Defense Firm Responses to Major Events in International Security"

"Understanding Private Information in International Relations via Diplomatic Communications" (with A. Spirling)

"Bayesian Instrumental Variables with Relaxations of the Exclusion Restriction" (with A. Sabbaghi, B. Schneer)

"How Judicial Identity Changes the Text of Appellate Court Rulings" (with A. Hall)

"How Federal Reserve Discussions Respond to Increased Transparency" (with M. Egesdal, M. Rotemberg)

"Estimating Poverty Rates in Target Populations: An Assessment of the Simple Poverty Scorecard and Alternative Approaches" (with A. Diamond, M. Rebolledo, E. Skoufias, K. Vinha, Y. Xu)

ONGOING PROJECTS

"Sample weighting for bias adjustment in word embeddings"

"Can Radio Programs Build Peace? An Experimental Study from Afghanistan" (with K. Sharma)

"Recommending Experts to Government via Word and Document Embeddings"

FELLOWSHIPS, GRANTS, AWARDS

Research Fellow, The Governance Lab, Tandon School of Engineering, New York University	**2016–2017**
U.S. Institute of Peace for "Can Radio Programs Build Peace?"	**2016**
GSAS Dissertation Completion Fellowship, Harvard University	**2015**
Distinction in Teaching, Derek Bok Center, Harvard University	**2012**
Presidential Instructional Technology Fellow (PITF), Harvard University	**2011–2013**
GSAS Prize Fellowship, Harvard University	**2010–2015**
Departmental Honors, Political Science, Columbia University	**2010**

TEACHING	DS-GA 3001: Introduction to Causal Inference for Data Scientists (New York University)	**2018**
	DS-GA 1006: Data Science Capstone (with R. Bonneau, C. Silva, New York University)	**2017**
	Gov 1729: Formal Models in International Relations (M. Bas, Harvard University)	**2014**
	Gov 61: Research Practice in Quantitative Methods (A. Spirling, A . Glynn, Harvard University)	**2013–2014**
	Empirical & Mathematical Reasoning 13: Analyzing Politics (K. Shepsle, Harvard University)	**2012**
	Gov 50: Introduction to Political Science Research Methods (M. Bas, A. Spirling, Harvard University)	**2011–2013**

STATISTICAL COMPUTING
Python, R, SQL

CONSULTING

United States Institute of Peace, Washington, D.C. USA
Consulting Researcher   **2016–2017**

International Finance Corporation, World Bank Group
Evaluation Specialist, South Asia   **2013–2015**

Quant.co, Boston, MA USA
Statistical Consultant   **2015**

LANGUAGES
English (Fluent); Spanish (Conversant)

REFERENCES
Available upon request.