

Jeffrey A. Levy

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EDUCATION	Ph.D. in Economics, American University (expected) 2018 Dissertation: <i>“Essays on Uncertainty and Macroeconomic Dynamics”</i> Advisor: Xuguang Sheng
	M.S. in Economics, American University 2014
	B.A. in Economics & Political Science, Michigan State University 2010
FIELDS AND INTERESTS	<ul style="list-style-type: none">• Principles of micro and macro economics• Empirical macroeconomics• Data science• Python• Agent based modeling
EXPERIENCE	Data Scientist , Urban Institute (Washington, DC) June 2016 - current Part of a six-person Research Programming team that becomes involved in research throughout the institute in order to help with difficult technical and analytical barriers. My particular expertise is in Python, big data, automated data retrieval, text and unstructured data, and cross-platform and web interactions. Other notable areas of work include Stata, SAS, R, survey data, data visualization, and machine learning.
	Adjunct Faculty , American University (Washington, DC) Fall 2016
	Graduate Assistant , American University (Washington, DC) Fall 2012 - Spring 2016
	Research Assistant , American University (Washington, DC) Mary Hansen Summer 2016 Jeremiah Dittmar Summer 2014 Jeremiah Dittmar Summer 2013
	Research Assistant , Brookings Institution (Washington, DC) Fall 2013 I worked with the Metropolitan Policy Program, where I became an expert in data on foreign direct investment, working with it in Python and Stata in order to explore, identify and fix issues and outliers, provide summary statistics and contribute to the final research.

WORKS IN PROGRESS	Job Market Paper: “The causal impact of uncertainty shocks: evidence from military base closures”	
	Other Papers: “State and regional economic uncertainty”	
TEACHING EXPERIENCE	Python for Data Science Principles of Microeconomics	2017 Fall 2016
SCHOLARSHIPS AND AWARDS	President’s Award for Technology Innovation in Research , Urban Institute, \$1500 2016 University Undergraduate Research and Arts Forum: History, Political Sci- ence and Economics , Michigan State University, \$500 2010	
PRESENTATIONS	Urban Institute Webinar <i>“Spark for Social Science”</i> Washington, DC. <small>[slides]</small> Southern Economic Association Annual Meeting <i>“Regional Variation in Economic Uncertainty”</i> Macroeconomic Potpuri. Washington, DC. <small>[conference]</small> Urban Institute Brown Bag Series <i>“Python for Researchers”</i> Washington, DC. <small>[slides]</small> Center for Advanced Modeling at Johns Hopkins University <i>“Contract Enforcement and Group Formation: An Agent Based Model of the Maghribi Traders”</i> Baltimore, MD.	
LEADERSHIP AND SERVICE	Contributing Memeber , Python Software Foundation 2017-current Contributes to open source Python projects and the expansion of the Python pro- graming language. Participates in PSF voting for board members and other important issues on the direction of development for Python.	
SKILLS	Python: Pandas, statsmodels, web scraping, data visualiza- tion, multiprocessing, natural language processing Computer: STATA, SAS, R, SQL, Mathematica, NetLogo, Amazon Web Services, Apache Spark, L ^A T _E X Languages: English (native), Czech (beginner-intermediate)	

REFERENCES

Xuguang Sheng (chair)
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