Andrew Flowers

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EXPERIENCE

Freelance   Walpole, MA
Data Scientist   Aug. 2016—Present
- Programmed interactive data visualizations and maps (using D3.js) for economists Raj Chetty of Stanford and David Cutler of Harvard, as part of their Health Inequality Project
- Gave a talk at useR! 2016 in June 2016 and will give the capstone talk at rstudio::conf in January 2017
- Writing *How To Make Mistakes In R,* under contract with O'Reilly Media (publishing Spring 2017)

FiveThirtyEight   Walpole, MA
Economics Writer   Aug. — Dec. 2016
- Wrote and reported feature stories on a variety of economic topics: U.S. trade with China and Mexico, the legacy of welfare reform, a series on U.S. housing policies, and infrastructure investment
- Contributed analysis during FiveThirtyEight's live blogs of Presidential debates and on election night

FiveThirtyEight   New York, NY
Quantitative Editor   Feb. 2014—Jul. 2016
- Responsible for news coverage on a wide range of topics, including the Federal reserve, inequality, U.S. labor markets, tax and welfare policies, data and technology, college football and NBA basketball
- Wrote and reported feature stores on a wide variety of topics, such as: universal basic income, the racial composition of police forces, economic mobility, global terrorism, mobile banking, monetary policy, international finance, mixed martial arts, baby names and suicides in the military
- Wrote a regular column, *Findings*, on new social science research – focusing on economics and policy
- Edited staff and freelance stories for accurate data analysis and methodological soundness
- Managed public GitHub page, where the code and data behind FiveThirtyEight's stories are published

Federal Reserve Bank of Atlanta   Atlanta, GA
Senior Economic Research Analyst   2010—Jan. 2014
Economic Research Analyst   2008—2010
- Briefed the Atlanta Fed President, Board of Directors, and other executives on economic and financial conditions in the US and internationally ahead of FOMC meetings
- Analyzed macroeconomic and financial data, produced reports for economists and policy makers at the Fed and wrote articles on a variety of economic topics for public dissemination
- Wrote feature pieces for the Atlanta Fed quarterly magazine, *EconSouth,* on the Greek sovereign debt crisis, international capital controls, the 2011 global economic outlook, the 2013 US economic outlook and the austerity debate
- Assisted economists in regular forecasting exercises, including programming economic models
- Programmed interactive visualizations of economic data
- Coordinated with a team of 11 research analysts to meet the needs of staff economists
- Researched specific topics in macroeconomics and finance as requested by the Director of Research
- Spoke before large groups on topics ranging from economic forecasting to the history of the Fed

EDUCATION

The University of Chicago   Chicago, IL
Bachelor of Arts in Economics   2008

TECHNICAL SKILLS

- R (expert – dplyr/tidyr for data wrangling, ggplot2 for data visualization)
- Python (advanced – IPython, pandas for data analysis, statsmodels for econometrics)
- JavaScript (intermediate – D3.js for interactive data visualization)
- Also: Git/GitHub, MySQL, QGIS, Stata

INTERESTS

Barbecue, pickup basketball, CrossFit, economic history, church, documentaries