

# Andrew Flowers

andrew.w.flowers@gmail.com • <http://andrewflowers.me>  
20 Front St • Walpole, MA 02081 • 781-724-2427

## 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 keynote talk at [rstudio::conf](#) in January 2017, spoke at [useR! 2016](#) in June 2016
- 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

Basketball, economics, CrossFit, barbecue, church, documentaries, chess