

# Joseph Goodman

## EDUCATION

### PEKING UNIVERSITY

#### YENCHING ACADEMY

June 2019 | Beijing, China

#### MA IN ECONOMICS & MANAGEMENT

Yenching Scholar

### GEORGETOWN UNIVERSITY

#### SCHOOL OF FOREIGN SERVICE

May 2015 | Washington, DC

#### BSFS IN INT'L POLITICAL ECONOMY

#### CERTIFICATE IN ASIAN STUDIES

Magna Cum Laude

Graduated with Honors

First Honors (3 semesters)

Second Honors (4 semesters)

Dean's List (8 semesters)

## SKILLS

### TECHNICAL

Python (pandas, numpy, sklearn)

SQL • PostgreSQL • MySQL

Tableau • Git/GitHub

Google Analytics • BigQuery

R • ArcGIS • MS Excel

### LANGUAGES

Mandarin Chinese (intermediate)

Spanish (intermediate)

## LINKS

Website://[joeygoodman.us](http://joeygoodman.us)

GitHub://[yontartu](https://github.com/yontartu)

LinkedIn://[josephgoodman](https://www.linkedin.com/in/josephgoodman)

## INTERESTS

Sabermetrics

Building bicycles

Collecting jazz records

## EXPERIENCE

### FLATIRON SCHOOL | DATA SCIENCE FELLOW

Jun 2019 - Sep 2019 | Washington, DC

- Intensive, fully-funded data science program for PhD/Master's in STEM fields
- Building my skill set in machine learning, databases and APIs

### CONSUMER FINANCIAL PROTECTION BUREAU | DATA SCIENTIST

Sep 2015 - Jul 2017 | Washington, DC

- Analyzed proprietary firm-level financial data using Python and SQL in support of enforcement cases against financial institutions under investigation for violating federal consumer protection regulations
- Developed data visualizations and dashboards for non-technical audiences using Tableau and SQL to help senior officials make decisions driven by data

### YENCHING SOCIAL INNOVATION FORUM | DIRECTOR OF SPEAKERS

Sep 2017 - Dec 2017 | Beijing, China

- Organized a symposium of 35+ young leaders in the social innovation and environment spaces
- Responsible for coordinating with 50+ notable public officials, researchers and journalists to participate as speakers and panelists

### DC DATAFEST | TEAM CAPTAIN

Apr 2015 | Washington, DC

- Led Georgetown's interdisciplinary student team while participating in Washington DC's first data analysis competition
- Built a model predicting driving experience using online automotive data

## DATA PROJECTS

### Using machine learning to classify tweets from Russian Trolls

- Tools: Python (pandas, sklearn, nltk, gensim, matplotlib)
- Code + data: [GitHub//bot-vs-human](https://github.com/josephgoodman/bot-vs-human)

### Quantifying China's foreign affairs through air pollution data (Master's thesis)

- Tools: Python (pandas, statsmodels, requests, BeautifulSoup, matplotlib)
- Code + data viz: [GitHub//wuran](https://github.com/josephgoodman/wuran) (link to article on [my website](http://mywebsite.com))

### A visual history of the Tour de France

- Tools: Python (pandas, requests, BeautifulSoup, matplotlib, bokeh, holoviews)
- Code + data viz: [GitHub//tour-de-france](https://github.com/josephgoodman/tour-de-france) (link to article on [my website](http://mywebsite.com))

## AWARDS & SCHOLARSHIPS

2019	Data Science Fellowship, Flatiron School (full tuition award)
2017 - 2019	Yenching Academy Scholarship, Peking University (full tuition award)
2015 - 2017	Director's Financial Analyst Fellowship, CFPB
2016	Spot Award, CFPB (for outstanding contributions to CFPB's mission)
2015	Inducted into Omicron Delta Epsilon (Economics Honors Society)
2014	Forum for American-Chinese Exchange at Stanford (student delegate)
2013	Fulbright-Hays Scholarship, US Department of Education
2013	Henry Chen Memorial Scholarship, Georgetown University (honoring a student who "exemplifies the qualities and ideals to which Professor Chen's life was devoted")