

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

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 Government Trolls

- Tools: Python (pandas, numpy, sklearn, nltk, bokeh, matplotlib, flask, heroku)
- Code + data: [GitHub//bot-vs-human](https://github.com/josephgoodman/bot-vs-human) (links to **visual tool** and **web app**)

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**)

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**)

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")