

# JOSH SCHENKEIN



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## EDUCATION

### UNIVERSITY OF CHICAGO

2014-2015

Masters Degree in International Relations, Honors

Triple Concentration in International Political Economy, Security Studies, and East Asia

M.A. Thesis: Supranationalism and the Impact on Trade Relations; received an award of Honors

### BOSTON UNIVERSITY

2008-2012

Boston University Class of 2012, B.A. Cum Laude

Majored in History, Concentrated in Economic History

Graduated With Distinction in History

Majored in Political Science, Concentrated in Geopolitics

Eleanor Roosevelt High School, New York City, Advanced Regents Degree, Class of 2008

## SKILLS

### DATA SCIENCE AND FULL STACK DEVELOPMENT IN PYTHON

1 YEAR

Database Construction and Management in SQLAlchemy and PostgreSQL.

API-RESTful Construction in Django and Flask.

MVC Server Construction in Django.

Data Analytics in Pandas, Numpy, and Stats, Jupyter, Matplotlib.

Task Scheduling in Redis.

Libraries Used in Python:

Flask, Jinja2 Frameworks, Jupyter Notebook, Linux, Matplotlib, Openpyxl, Pandas, Pip, Pygal, Pyscopg2, Redis, Requests, Seaborn, SQLAlchemy, Terminal Scripting (Mac),

### FRONT-END DEVELOPMENT IN JAVASCRIPT, HTML5, CSS3

6 MONTHS

Data Visualization in D3, DOM manipulation in jQuery and D3, and Web Page Construction in HTML5 and CSS3.

Cloud Hosting in Heroku, Shell Scripting in Terminal, Interfacing in Unix-like, and Linux environments.

## EXPERIENCE

### [QUANTPOLITIK](http://QuantPolitik.com)

4/2016-PRESENT

I founded a political risk consultancy based on an [analytics platform](http://QuantPolitik.com) I built from scratch. Everything seen and used on the webpage is of my own design, formulation, and creation.

#### [The Tech:](#)

The platform is a full stack web application written in Python for the backend, and utilizes the Django, Re, Requests, Pandas, Numpy, Stats, and SQLAlchemy libraries in addition to D3 and jQuery libraries for the frontend. The client-side is also powered by HTML5 and CSS3, while the database is built in PostgreSQL, and the platform is hosted in the cloud, via Heroku.

#### [The Political Science:](#)

International relations, since its inception, has been a largely qualitative discipline, QuantPolitik seeks to end this hegemony by bringing data analytics to the staid world of IR. I have built a platform that analyzes and quantifies bilateral relations daily, and pushes its results autonomously to the cloud. By bringing analysis backed by thousands of data points for every country, QuantPolitik seeks to democratize IR and bring easy to use graphing features to the public.

### WORLD JEWISH CONGRESS

1/2016-3/2016

I interned as a policy development analyst in international relations and served as a United Nations liaison at the global headquarters of the WJC, a non-profit Jewish lobbying organization. In this position, I crafted policy memos and research reports for the CEO and President of the organization on issues ranging from the Syrian Civil War, to the recent FIFA Elections. In my other role, I attended meetings at the UN on behalf of the WJC and documented relevant developments at UN.

### HOMELAND SECURITY STUDIES AND ANALYSIS INSTITUTE

6/2015-8/2015

I was an intern analyst working for HSSAI—an FFRDC operated by Analytic Services on behalf of the Department of Homeland Security—on the project of Strategic ‘Jointness:’ wherein methods of organizational unity could be applied to DHS. I composed a White Paper on promoting efficiency and effectiveness within the DHS and presented my findings in a series of presentations before DHS Principals.