

## Education

Georgetown University 05/17  
BA in Government Washington D.C.  
minor in Economics GPA: 3.65  
Government Honors Thesis Program

## Experience

National Journal 09/17 - present  
Data Visualization Fellow Washington D.C.

- Develop prototype reports that focus on visualizing network and longitudinal data, leveraging text analysis tools, custom web scrapers and APIs
  - Create a series of reports and interactive network graphs and maps analyzing prevalent narratives held by members of Congress on a number of issues (eg. "China," "tax")
  - Develop methodology, scripts for data analysis, and dashboard templates for the "Key Influencers" project, which analyzes trends in the 2018 midterm elections
  - Consult the Network Science Initiative team on augmenting their relational network offering using FEC and Twitter data
- Spearhead individual research inquiries and produce slides and visualizations reflecting daily political and policy developments

Monitor 360 09/16 - 05/17  
Analyst Intern Washington D.C.

- Collaborated with a team to solve USG and corporate clients' narrative problems by:
  - Scoping research, devising work-plans, and anticipating risks;
  - Acquiring, gathering, and analyzing data using a variety of NLP and Network Analysis techniques;
  - Visualizing data in Tableau and Quid;
- Developed criteria for dataset scope and analytical approach for a case examining pervasive narratives for young Americans consuming violent extremist content online
- Leveraged NLP and analytical tools to interpret social and news media datasets for three projects examining public opinion on AI/machine learning, virtual reality, and nanotechnology

Georgetown University Schol of Nursing and Health Studies 04/16 - present  
Washington D.C.

Research Intern

Emerging Synthetic Biology Threats Assesment in Malaysia  
Self-assessment: Responsible Life Sciences Research

- Conduct research on synthetic biology, dual-use research, and emerging biomedical technologies in Malaysia and the Asia Pacific region;
- Analyze survey data from a series of iterative questionnaires that employ the policy Delphi method;
- Prepare reports on research methodology and findings

Center for Open Data Enterprise 05/16 - 09/16  
Research Intern Washington D.C.

- Conducted over 20 semi-structured qualitative interviews with organizations around the world regarding their use of government open data and challenges that arise when accessing government data
- Responses from these interviews were central to the 2016 World Bank open data portal "Machine-Readability Report"

## Languages



- reading
- pinyin
- speaking



- reading
- writing
- speaking



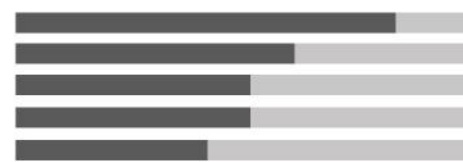
- reading
- writing
- speaking

## Skills

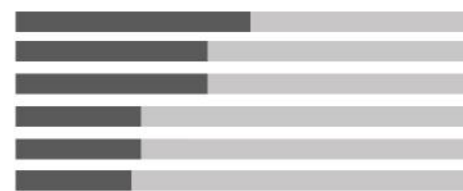
Ableton Live  
Premiere  
Photoshop  
Max MSP/Jitter  
After Effects  
Indesign



Tableau  
Quid  
Gephi  
ArcGIS  
Crimson Hexagon



R  
SPSS  
Python  
HTML5  
C++  
Javascript



## Scholarships & Awards

Government Honors Thesis Program 05/17  
Defended with distinction Washington D.C.

Ask Not What Your Country Can Do For Open Data,  
Ask What Open Data Can Do For Your Country

- Examine possible factors influencing the rapid expansion of national open data portals globally
- Analyzed datasets assembled from primary and secondary sources, using SPSS and R to run statistical tests
- Developed a new method of measurement to assess how various factors affect open data initiatives across government ministries/departments, thus providing foundations and investors with more precise routes of engagement that maximize impact when creating an open data initiative

Critical Language Scholarship Program 06/17 - 08/17  
Scholarship Recipient Gwangju, Korea

- US Department of State scholarship designed to improve Korean language skills and facilitate cultural immersion

Taiwan-US Sister Relations Alliance 05/16 - 09/16  
Ambassador Program Tainan, Taiwan

Scholarship Recipient

- Scholarship sponsored by US and Taiwanese governments to study Taiwanese culture and develop fluency in Mandarin