

# MIN SHI

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[GitHub Personal Page](#)

## Summary

Trilingual Political Science Ph.D. candidate looking for a Summer 2022 data science, political & policy analysis internship. Accomplished researcher with experience in international relations and public policy data analysis with multiple programming and research skills.

## Education

The University of Texas at Dallas

August 2019 – 2024(estimated)

Ph.D. candidate in political science, Major International Relations, Minor Political Institutions and American Politics  
GPA: 3.889/4.0

The University of Texas at Dallas

August 2021 – 2022(estimated)

M.S. in Social Data Analytics and Research  
GPA: 3.889/4.0

Shandong University (China)

September 2016 – June 2019

M.A. in International Politics  
GPA: 88.78/100

## Research Experience

School of Economic, Political and Policy Sciences, UTD *Research Assistant*

May–August 2021

↔ Prof. Thomas Gray, Prof. Banks Miller

- Worked on an U.S. Supreme Court project
- Took in charge of collecting data about all cases' schedules

School of Economic, Political and Policy Sciences, UTD *Research Assistant*

May–August 2020

↔ Prof. Jonas Bunte

- Worked on a big project that aims to find the benefits connection among U.S. government officers, senators, representatives, and U.S. firms.
- Participated in the data collection, mainly collecting news coverage that indicates the potential connections.

## Projects

Content Analysis with Machine Learning Team Project

August 2021 – present

- A team project focused on how news organizations frame the 2018 U.S.-China trade war during Trump Era
- Collected 529 sampled news coverage from both U.S. and China sides, cleaned data, and generated original data collection.
- Using machine learning skills such as top modeling, classification & sentiment analysis to analyze the collection.

Data Visualization with Multiple Tools

September 2021 – present

- A project aimed at exploring the factors that affect World Happiness Index by country, especially during the 2020 pandemic period.
- Using Python & R in data collection & data cleaning.
- Deploying Python, R, R Shiny, Plotly Dash & JavaScript D3 in data visualization.

## Publication

Yang, Luhui, and Min Shi. 2019. China Policy Adjustment or Changes by the Abe Administrations and Its Impacts. *Peace and Development*. Vol.3, pp.66–84.

## Awards

Distinguished Graduate Student of Shandong University

2019

Distinguished Graduate of Shandong University & Shandong Province

2016

## Selected Course Work

### Data Science

OOP in Python  
Content Analysis  
Data Visualization  
Programming for Data Science

### Research Method

Introduction to Quantitative Methods  
Applied Regression  
Social Science Research Methodology  
Regression and Multivariate Analysis

### Political Science

Logic, Methodology and Scope of POL SCI  
International Political Economy  
Human Rights and International Law  
Executives, Legislatures and Public Policy

## Technical Skills

Programming Languages

Python, Java, JavaScript, R, Stata, Tableau, L<sup>A</sup>T<sub>E</sub>X & T<sub>E</sub>X

Tools

Data Science – Data Collection, Data Analysis, Data Visualization & Machine Learning

Languages

English, Chinese & Japanese