






# Allison KOH

## PhD Candidate | Data Scientist

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## EDUCATION

2023 (expected)	<b>Berlin Graduate School for Global and Transregional Studies</b> PhD, International Relations ‣ PhD Stipend from the Hertie School Centre for International Security	Berlin, Germany
2020	<b>Hertie School of Governance</b> MPP, Policy Analysis	Berlin, Germany
2016	<b>Tulane University</b> BSc, Economics and Asian Studies	New Orleans, LA

## RESEARCH EXPERIENCE

Current	<b>Hertie School Centre for International Security</b> Doctoral Research Fellow ‣ Pursuing independent research on links between state repression of social movements and digital dissent in the authoritarian context	Berlin, Germany
Current	<b>SCRIPTS Data and Methodology Center</b> Research Associate ‣ Developing training materials, supporting the implementation of data science workshops, and consulting on statistical computing for graduate students and researchers	Berlin, Germany
2020 2019	<b>Hertie School Centre for Digital Governance</b> Research Assistant, <i>Authoritarianism 2.0</i> ‣ Contributed to academic publications and presentations on digitalization, political participation and authoritarian governance in China ‣ Conducted statistical analysis, data cleaning, and data visualization in R and Stata	Berlin, Germany
2019 2018	<b>WZB Berlin Social Science Center</b> Research Assistant, <i>Institutions and Political Inequality</i> ‣ Implemented state-of-the-art approaches in causal inference for empirical research on the political economy of inequality and informal institutions ‣ Conducted statistical analyses and updated literature reviews for a study on the relationship between poverty, local security dynamics and participation in large-scale religious conflicts in Nigeria	Berlin, Germany
2016 2015	<b>Tulane University Center for Public Service</b> Research Assistant, <i>Public Policy and Inequality</i> ‣ Prepared financial and organizational data for analysis on AmeriCorps partnerships and charitable contributions to nonprofit organizations	New Orleans, LA

## PROFESSIONAL EXPERIENCE

2018	<b>Open Society Foundations</b> Assistant to the Director, <i>Asia-Pacific Regional Office</i> ‣ Coordinated with the Regional Director, subregional units on administrative and programmatic tasks ‣ Reviewed regional office and unit strategy documents for compliance, formatting, and accuracy ‣ Drafted briefings on country-specific issues for scoping visits to the region	New York, NY
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2017	<b>The Fulbright Program</b> English Teaching Assistant <ul style="list-style-type: none"> <li>➤ Implemented educational and cross-cultural initiatives; managed co-curricular activities and professional development workshops in a low-performing secondary school of 1000 students</li> <li>➤ Organized community outreach events with the U.S. Embassy in Kuala Lumpur, the U.S. Navy Pacific Fleet and local nonprofit organizations</li> </ul>	Sabah, Malaysia
2016	<b>Ivy Gate Education</b> Consultant <ul style="list-style-type: none"> <li>➤ Mentored students through the admissions process for universities in the United States</li> <li>➤ Designed analytical tools to monitor preparedness for TOEFL and IELTS exams</li> </ul>	Beijing, China

## FELLOWSHIPS & AWARDS

2020-2023	PhD Stipend, Hertie School Centre for International Security
2019	GPPN Conference Best Poster Award
2017	Fulbright English Teaching Assistantship in Malaysia
2014	Benjamin A. Gilman International Scholarship for semester exchange in Shanghai, China

## PRESENTATIONS

June 2019	Workshop on Digital Governance in China at the Hertie School, Berlin
February 2019	GPPN Annual Conference at the Lee Kuan Yew School of Public Policy, Singapore

## TEACHING EXPERIENCE

Spring 2020	<b>Data Science Workshop Series</b> Teaching Assistant <ul style="list-style-type: none"> <li>➤ Developed teaching materials for workshops on base R, data wrangling, and data visualization for faculty, postdoctoral fellows and PhD researchers</li> </ul>	Hertie School, Berlin
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## SOFTWARE SKILLS

R	Statistical analysis, machine learning, data management ( <b>tidyverse</b> ), data visualization ( <b>ggplot2</b> ), spatial analysis ( <b>sf</b> ), natural language processing, Shiny
Python	Natural language processing with deep learning ( <b>PyTorch</b> ), data management ( <b>pandas</b> )
Stata	Data management, analysis, and visualization
Other	Github, $\LaTeX$ , Adobe Illustrator/InDesign, Tableau, HTML5/CSS



## LANGUAGES

English	● ● ● ● ●
Chinese	● ● ● ○ ○

## PROJECTS

### INTERACTIVE MAP : NOODLES IN BERLIN

2020

 [github.com/allisonkoh/noods-berlin](https://github.com/allisonkoh/noods-berlin)  Shiny Dashboard

A Shiny Dashboard with an interactive map of places I've gone to eat noodles in Berlin, with rankings and recommendations

  Shiny Dashboard

## REFERENCES

Available upon request.