






Allison KOH

PhD Candidate | Data Scientist

 [linkedin.com/in/allisonkoh](https://www.linkedin.com/in/allisonkoh)  github.com/allisonkoh
 +49 176 8782 5323  koh@hertie-school.org
 Boltzmannstraße 20, 14195 Berlin, Germany

EDUCATION

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

RESEARCH EXPERIENCE

Current	Hertie School Centre for International Security Doctoral Research Fellow ‣ Pursuing independent research on links between state repression of social movements and digital dissent in authoritarian spheres of influence	Berlin, Germany
Current	SCRIPTS Data and Methodology Center 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	Hertie School Centre for Digital Governance 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	WZB Berlin Social Science Center 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	Tulane University Center for Public Service 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	Open Society Foundations 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	The Fulbright Program Assistant to the Director, <i>Asia-Pacific Regional Office</i> <ul style="list-style-type: none"> ➤ Implemented educational and cross-cultural initiatives; managed co-curricular activities and professional development workshops in a low-performing secondary school of 1000 students ➤ Organized community outreach events with the U.S. Embassy in Kuala Lumpur, the U.S. Navy Pacific Fleet and local nonprofit organizations 	Sabah, Malaysia
2016	Ivy Gate Education Consultant <ul style="list-style-type: none"> ➤ Mentored students through the admissions process for universities in the United States ➤ Designed analytical tools to monitor preparedness for TOEFL and IELTS exams 	Beijing, China

FELLOWSHIPS & AWARDS

2020-2023	PhD Stipend, Hertie School Centre for International Security
2019	GPPN Conference Best Poster Award at Lee Kuan Yew School of Public Policy, Singapore
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	Data Science Workshop Series Teaching Assistant <ul style="list-style-type: none"> ➤ Developed teaching materials for workshops on base R, data wrangling, and data visualization for faculty, postdoctoral fellows and PhD researchers 	Hertie School, Berlin
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SOFTWARE SKILLS

R	Statistical analysis, machine learning, data management (tidyverse), data visualization (ggplot2), spatial analysis (sf), natural language processing, Shiny
Python	Natural language processing with deep learning (PyTorch), data management (pandas)
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  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.