Hassan Aziz

📞 *(+1) 425 246 0127*
✉ *hazizm@uw.edu*
🐙 *hassanazizm*
✉ *mirzahassanaziz@gmail.com*

Education

Sep 2024 - Present	**University of Washington, Seattle, WA** *PhD in Political Science* Fields: Comparative Politics, Environmental Politics, Political Methodology
Aug 2022- Dec 2023	**The University of Chicago, Chicago, IL** *MA in Social Sciences* Grade Point Average: 3.78/4 Relevant Courses: Experimental Methods in Political Science, Machine Learning, Spatial Data Science, Intermediate GIS
2016-2020	**Lahore University of Management Sciences (LUMS), Lahore, Pakistan** *BSc. (Honors) in Economics*, Honours with High Merit Relevant Courses: Econometrics, Poverty & Income Distribution, Mathematical Applications in Economics

Research Experience

Jan 2024 – May 2024
Research Associate at Consortium for Development Policy Research, Pakistan
Worked as a research associate on two projects headed by Dr Aadil Nakhoda and Dr Farrukh Iqbal focused on promoting environmentally and economically sustainable trade

- Conducted primary & secondary research including literature reviews, semi-structured interviews, and focus groups
- Compiled, cleaned and analyzed quantitative data from WITS TradeStat Database, UN Comtrade, and Pakistan Bureau of Statistics

Sep 2020 – Jan 2021
Research Assistant at LUMS - Suleman Dawood School of Business, Pakistan
Worked on a project examining the correlation between terrorism incidence and socioeconomic development in various countries with Dr. Ummad Mazhar

- Conducted a detailed review of relevant literature
- Analyzed data from GTD, WHO, and WDI, from 1990 to 2018, for 188 countries

Oct 2019 – Apr 2020
Research Assistant at LUMS - School of Humanities and Social Sciences, Pakistan
Worked on a project analyzing the bazaar economy and protests related to the power crisis, with Dr. Umair Javed

- Conducted thematic analysis of 700 news articles from 2005-2014, sourced from Dawn newspaper
- Carried out preliminary field research and interviewed stakeholders including traders, residents and local political leaders
- Contributed to the write up of the final working paper published in 2021 (Link)

Jun 2019 – Aug 2019
Research Assistant at University of Washington - Department of Political Science
Worked on a project analysing the portrayal of NGOs in news media, with Dr Rafeel Wasif

- Carried out thematic and sentiment analysis of 48000 excerpts of newspaper articles on Microsoft Excel
- Data analysis resulted in the publication of a journal article in a peer-reviewed journal, Voluntas (Link)

Jun 2019 – Aug 2019
Research Intern at Punjab Tourism for Economic Growth (PTEG) project
Drafted a report on the World Bank funded 'Royal Trail' project (implemented by the Walled City Lahore Authority)

- Conducted structured and semi-structured interviews of 130 respondents including local residents and shop owners over a period of 6 weeks
- Drafted a final report documenting the feedback of the respondents

Jun 2018 – Aug 2018
Field Researcher at Center of Economic Research in Pakistan (CERP)
Worked as a field researcher, collecting primary data on women's mobility and participation in the labor market in Lahore, Pakistan

- Conducted fifty structured interviews of small-scale traders in Lahore, with a team of 8 field researchers
- Cleaned and prepared the collected data for analysis using SurveyCTO, Excel, and Stata

Research Projects

Aug 2023 - Dec 2023
Determinants of CO_2 emissions: Evidence from South Asia (Thesis)
Worked on an independent research project that aimed to identify the impact of urbanization, population growth, economic growth, agriculture, and energy consumption on CO_2 emissions

- Conducted a thorough literature review to inform the research methodology and theoretical framework
- Cleaned and analyzed large-scale transnational datasets using panel data analysis techniques

Jan 2023 - May 2023	**Who moves and where? Evidence of intranational migration from the Global South** Worked on an independent research project focusing on identifying migration trends and patterns in Pakistan, with guidance from Dr. Andrew Proctor

- Conducted a literature review to inform the research methodology and theoretical framework
- Cleaned and analyzed a large-scale dataset (Pakistan Labor Force Survey, 2021) using R and Python
- Produced a research paper integrating multivariate regression and network analysis techniques

Dec 2019 - June 2020	**Access to Healthcare Services and Maternal Health Outcomes in Rural Pakistan** Worked on a research project focusing on mapping healthcare access and health outcomes in Rural Pakistan, with guidance from Dr. Crystal Bae

- Cleaned and analyzed data from a large-scale dataset (Demographic and Health Survey, 2017), using R
- Created indices for access metrics through buffer analysis and self-reported access
- Mapped the data using spatial packages (sf and sp) in R

Jun 2019 - Aug 2019	**Is Democracy Masculine? – Summer Research Program** Initiated a research project investigating how the voting preferences of women in a patriarchal household are affected by the preferences of the head of the household

- Received a grant of PKR 50,000/- from Lahore University of Management Sciences for the project
- Undertook a literature review and drafted a survey consisting of 54 questions
- Managed a team of 6 field researchers conducting household surveys, in all 14 electoral constituencies
- Cleaned and analyzed the primary data, collected from 390 respondents, and drafted a detailed report

Publication & Writing (Link)

Published on 3 June 2021	**Demanding Power: Contentious Politics and Electricity in Pakistan (Link)**

- Co-authored the working paper, which explores Pakistan's electricity supply crisis that lasted from 2007 to 2015, and the ensuing contention that shaped public discourse in the country

Published in 2020	**Lahore's Literary Landscape: exploring places, personalities and movements that shaped the literary culture of Lahore between the 1930s and 1970s (Link)**

- Worked on the research project collecting historical data through archival research and semi-structured interviews, under the supervision of Dr Ali Usman Qasmi
- Collaborated with the design team to visually present the collected data

Scholarship

Aug 2022 - Dec 2023	**Fulbright Foreign Student Program**

- Received the 2022-23 fully funded Fulbright Scholarship for my graduate studies at the University of Chicago

Teaching Experience

Aug 2023 – Dec 2024	**Teaching Assistant at The University of Chicago** Assisted students for 'GISC 34600: Introduction to Urban Science', taught by Dr Luis Bettencourt
Aug 2018 – Dec 2019	**Teaching Assistant at Lahore University of Management Sciences (LUMS)** Assisted students for Principles of Economics (Fall '18), Media Writing (Spring '19), and Writing & Communication (Fall '19)

Professional Experience

Jan 2024 – Sep 2024	**Senior Officer at WWF-Pakistan** Worked as a member of the Program Development team focused on designing, monitoring, and evaluating large-scale programs

- Assisting in poverty, environment, and socio-economic research and impact assessments (e.g. designing survey tools, analysis and report writing)
- Coordinating project development with WWF-Pakistan's various teams, colleagues from the global WWF Network, and other partners and stakeholders

Skills & Languages

Advanced
R, Stata, Excel, SurveyCTO

Intermediate
Python, QGIS, GeoDa, LaTeX

Beginner
Tableau, NVivo, C++

Languages
Punjabi (native)
Urdu (native)
English (professional proficiency)
Hindi (spoken)