



Stephen Omar El-Khatib

Senior Data Scientist

Position with Firm

2022–present *Senior Data Scientist*. Mines and analyzes complex and unstructured data sets using advanced statistical methods to inform data-driven decision making. Conducts and analyzes research to provide strategic counsel and thought leadership regarding work approaches and methodologies. Contributes to the development of proposals and reports related to evaluation of local, state, and national policies.

Previous Professional Experience

2021–2022 *Lead Data Scientist, Collingwood Research, Albuquerque, New Mexico*. Designed survey elements, analyzed data, and produced reports advising clients on campaign messaging. Developed Shiny app to analyze and visualize election data for racially polarized voting cases through ecological inference. Conducted workshops with teams of analysts on best practices for optimizing code and packages using parallel processing. Created data pipelines, functions, scripts, and in-house statistical packages for analytical research.

2020–2022 *Visiting Assistant Professor of American Politics, Claremont Graduate University, Claremont, California*. Designed and conducted mixed-method and quantitative research projects on racial identity, morality, and social/environmental justice with co-authors and oversaw teams of graduate student researchers. Taught numerous courses on American politics, identity (race/religion), public policy, and coding/research methods. Regularly presented/communicated complex research findings for audiences with varying levels of methodological background.

2018–2020 *Lecturer, California State University, San Bernardino, San Bernardino, California*. Taught courses on geographic statistics and research methods. Designed practicum and conducted workshops for introductory coding in the R programming language.

2017–2019 *Associate Instructor, University of California, Riverside, Riverside, California*. Taught courses on globalization and underdevelopment as well as mass media and public opinion. Mentored students through academic progression and research projects.

Education
California State University, San Bernardino, BAs in Arabic Language, Literature, and Culture and in Multidisciplinary Social Science
California State University, San Bernardino, MA in Social Science and Globalization Studies
University of California, Riverside, MA in Political Science
University of California, Riverside, PhD in Political Science (anticipated June 2023)

Publications

- “The Politics of Refuge: Sanctuary Cities, Crime, and Undocumented Immigration,” with Loren Collingwood and Benjamin Gonzalez O’Brien. 2019. *Urban Affairs Review*. 55(1): 3–40.
- “Sustained Organizational Influence: American Legislative Exchange Council and the Diffusion of Anti-sanctuary Policy,” with Loren Collingwood and Benjamin Gonzalez O’Brien. 2019. *Policy Studies Journal*. 47(3): 735–773.
- “Expanding Carceral Markets: Detention Facilities, ICE Contracts, and the Financial Interests of Punitive Immigration Policy,” with Loren Collingwood and Jason Morin. 2018. *Race and Social Problems*. 10(4): 275–292.
- “Sanctuary Cities Do Not Experience an Increase in Crime,” with Loren Collingwood and Benjamin Gonzalez O’Brien. 2016. *The Washington Post: Monkey Cage*.

Technical Skills

- R, RStudio, APIs, Excel, Git, LaTeX, NGP VAN, Microsoft Office suite, Shiny
- Quantitative methods: causal inference, matching, MaxDiff, maximum likelihood estimation, multilevel modeling, regression analysis, supervised and unsupervised machine learning, text analysis
- Data cleaning, data manipulation, data visualization, survey design, web-scraping