

Stephen Omar El-Khatib

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SUMMARY STATEMENT

Experienced Data Scientist and Political Scientist with over 9 years of expertise in applied research methods, data analysis, and public policy. Specialized in R programming, advanced statistical methods, and public speaking. Strong background in political analytics, voter mobilization, and social justice initiatives.

PROFESSIONAL SKILLS

Technical Skills:

R, RStudio, Python, SQL (learning), LaTeX, Stata, HTML, C++, Git, Excel, Shiny, WordPress, Weebly, Microsoft Office Suite

Data Analysis & Research:

Causal Inference, Data Cleaning, Data Visualization, Regression Analysis, Multi-Level Modeling, Survey Design, Text Analysis, Machine Learning

Communication & Leadership:

Public Speaking, Teaching, Team Leadership, Mentorship, Client Engagement, Report Writing, Proposal Development

PROFESSIONAL EXPERIENCE

Founder/Principal Data Scientist

ELK Research & Analytics – Lansing, MI

February 2024 – Present | 40 hours per week

- Originated contracts and maintained a client base with public entities and private businesses.
- Hosted and facilitated numerous executive-level client meetings with public entities and private businesses.
- Developed dashboards, statistical tools, and original surveys to improve client operations.
- Directed employee and external contractor operations.
- Oversaw and planned statistical research methods and established quality standards.
- Presented statistical findings for professional and lay audiences.

Lead Data Scientist

Collingwood Research – Remote (Albuquerque, NM)

November 2021 – Present | 20 hours per week

Salary: \$100 per hour

- Designed survey elements, analyzed data, and produced reports advising clients on campaign messaging.
- Developed a Shiny App for automating ecological inference to analyze and visualize election data on racially polarized voting cases.
- Conducted workshops with teams of analysts on best practices for optimizing R code and packages using parallel processing.
- Created data pipelines, functions, scripts, and in-house statistical packages for analytical research.
- Met with international and domestic clients to oversee survey and mobilization strategy efforts.
- Developed automated tools for statistical package production, including leaflet and ggplot integrations.
- Wrote and reviewed tens of thousands of annotated lines of R code.
- Developed automated voter file cleaning and analysis tools.

Supervisor: Loren Collingwood – (202) 744-4060

Senior Data Scientist

Public Sector Consultants – Lansing, MI

November 2022 – January 2024 | 40 hours per week

Salary: \$111,000 per year

- Negotiated research agendas with numerous government organizations, public entities, and private businesses.
- Mined and analyzed complex and unstructured data sets using advanced statistical methods to inform data-driven decision-making.
- Contributed to the development of proposals, reports, and informational pamphlets related to the evaluation of local, state, and national policies.
- Led methods workshops and provided mentorship for teams of data scientists and analysts.
- Oversaw the creation, sampling strategy, distribution, and weighting of massive survey efforts.
- Created hundreds of interactive leaflet maps detailing public data and forecasted analytics.
- Developed the data visualizations for the *Growing Michigan Together Council Report*, which now guides Michigan's future growth efforts.
- Spearheaded the creation of AARP's *Disrupting Disparities 2023* report, highlighting racial and gender disparities.
- Produced internal policy and best practice guides for statistical evaluation and data storage.
- Created templates for code-automated ggplot visualizations.

Supervisor: Kelly Rogers – (517) 484-4954

Teaching Assistant

Inter-university Consortium for Political and Social Research (ICPSR) – Ann Arbor, MI
June 2019 – August 2022 | 40 hours per week

- Taught summer courses including Statistics and Data Analysis I, Race Ethnicity and Quantitative Methodology II, Multilevel Modeling I & II, and Causal Inference.
- Participated in courses in Machine Learning, Text Analysis, Regression Analysis I & II, Maximum Likelihood Estimation, Introduction to Python, and Bayesian Modeling.

Visiting Assistant Professor

Claremont Graduate University – Claremont, CA
September 2020 – June 2022 | 40 hours per week
Salary: \$55,000 per school year

- Taught graduate students research methods and American politics.
- Developed and taught original course content for text analysis and machine learning classes.
- Conducted and oversaw quantitative research projects with PhD students and faculty.
- Participated in campus organizations for the production and sharing of research.
- Presented to professional and lay audiences on advanced statistics, including data management, regression analysis, and machine learning.

Supervisor: Heather E. Campbell – (909) 621-8000

Assistant Instructor

California State University, San Bernardino – San Bernardino, CA
September 2018 – June 2020 | 40 hours per week

- Taught undergraduate students statistical research methods and political science.
- Assisted with and oversaw the development of the award-winning National Model United Nations program.
- Studied research methods, conducted research, and disseminated research to students, peers, and faculty.
- Presented on advanced statistical topics such as data cleaning, causal inference, difference-in-difference modeling, and multilevel modeling.

Supervisor: Kevin Grisham – (909) 537-5000

Associate Instructor/Teaching Assistant

University of California, Riverside – Riverside, CA
September 2016 – June 2020 | 20 hours per week

- Taught undergraduate students statistical research methods and geography.
- Conducted and oversaw quantitative and qualitative research projects.
- Disseminated statistical findings to students, faculty, and lay audiences.
- Presented at tens of professional conferences as an invited speaker and subject matter expert.

EDUCATION

University of California, Riverside – Riverside, CA
Doctorate in Political Science (Expected December 2024)

GPA: 3.8

Awards:

- First Generation Scholars in the Profession Annual Meeting Travel Reimbursement Grant, Fall 2018
American Political Science Association
- John Garcia Scholarship for Underrepresented Graduate Students, Summer 2018
Society for Political Methodology
- Single Departmental Grant to Attend the ICPSR Summer Program, Summer 2018
Political Science Department, University of California, Riverside
- Graduate Research Proposal Award, Spring 2018
Political Science Department, University of California, Riverside
- Mellon Advancing Intercultural Studies Seminar Research Grant, Spring 2018
Center for Ideas and Society, University of California, Riverside

University of California, Riverside – Riverside, CA

Master's in Political Science (June 2018)

GPA: 3.7

Relevant Coursework:

- Introduction to Inquiry; Survey-Quantitative Methods I; Survey-Quantitative Methods II; Qualitative Methods; Advanced Quantitative Analysis: Causal Inference; Advanced Quantitative Analysis: R Coding and Package Development; Formal Analysis; Advanced Regression Analysis.

California State University, San Bernardino – San Bernardino, CA

Master's in Social Science & Globalization Studies (June 2015)

GPA: 3.9

Awards:

- Most Outstanding Graduate Student Award, June 2015

California State University, San Bernardino – San Bernardino, CA

Bachelor's Degree in Arabic Language, Literature, and Culture (June 2013)

GPA: 2.93

California State University, San Bernardino – San Bernardino, CA

Bachelor's Degree in Social Science (June 2013)

GPA: 2.93

Focus:

- Islamic and Middle Eastern Studies, Political Science, and Anthropology

PROFESSIONAL PUBLICATIONS

- Collingwood, L., Morin, J., & El-Khatib, S. O. (2018). Expanding Carceral Markets: Detention Facilities, ICE Contracts, and the Financial Interests of Punitive Immigration Policy. *Race and Social Problems*, 10(4), 275-292.
- Gonzalez-O'Brien, B., Collingwood, L., & El-Khatib, S. O. (2019). The Politics of Refuge: Sanctuary Cities, Crime, and Undocumented Immigration. *Urban Affairs Review*, 55(1), 3-40.
- Collingwood, L., El-Khatib, S. O., & Gonzalez-O'Brien, B. (2019). Sustained Organizational Influence: American Legislative Exchange Council and the Diffusion of Anti-Sanctuary Policy. *Policy Studies Journal*, 47(3), 735-773.
- Al-Kohlani, S. A., Campbell, H. E., & El-Khatib, S. O. (2023). Minority faith and environmental justice. *Politics & Policy*, 51(6), 1069-1096.

AFFILIATIONS

- Western Political Science Association – Member
- Midwest Political Science Association – Member
- American Political Science Association – Member
- Society for Political Methodology – Member
- National Model United Nations – Member
- Politics of Race, Immigration, and Ethnicity Consortium – Member
- Rotary Club of Lansing – Rotarian

VOLUNTEER EXPERIENCE

Greater Lansing Outdoor Soccer – Lansing, MI

April 2024 – Present

- Oversee and set up community soccer games, contributing to local engagement and sportsmanship.