

Louis Nix II

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Detail-oriented critical thinker with experience in communicating insights extracted through various forms of statistical analysis.

EDUCATION

Columbia University, Graduate School of Arts and Sciences

Master of Arts, Quantitative Methods

New York City, NY

09/2019 to 05/2020

Tulane University, School of Liberal Arts

Bachelor of Science, Economics – Cum Laude

New Orleans, LA

09/2014 to 05/2018

Financial Programming and Policies, IMFx

Professional Certificate

Online via Edx

01/2019 to 04/2019

American University of Beirut, CAMES Program

Academic Certificate

Beirut, Lebanon

06/2018 to 08/2018

EXPERIENCE

Research Assistant

Institute for Social and Economic Research Policy (Columbia University)

11/2019 to Present

- Provide qualitative research support producing literature reviews on gerrymandering.
- Conduct Monte Carlo simulations, linear regressions, and produce visualizations in R investigating partisan bias in the construction of U.S. state legislature electoral districts.

External Relations Intern

Center for Strategic and International Studies

08/2018 to 12/2018

- Wrangled census dataset to identify demographic trends in congressional districts.
- Communicated central tendency statistics through department PowerPoints to improve internal understanding of Congressional motivations.
- Evaluated KPI's to produce a holistic department strategy for YouTube content.

Economic Research Intern

Fund 17

06/2017 to 01/2018

- Designed community survey and worked with a contractor to maintain the GIS.
- Coordinated 10 surveyors to ensure randomized collection of data.
- Analyzed survey data to identify the microeconomic factors impeding entrepreneurs, leading to the development of targeted business development services.

PROJECTS

Consumer Complaint Visualization

- Developed and pushed to GitHub an R Shiny app for visualizing annual trends in consumer data with subsetting options for company, product and time frame.

11/2019 to 12/2020

ATMs and Financial Inclusion

- Geocoded addresses using R package RDSTK and produced visualizations in QGIS.
- Regressed financial inclusion measures on infrastructure location in a spatial lag model.

09/2019 to 12/2019

Political Views and Regulatory Preferences

- Regressed first-differenced panel data for regulatory views on political identification.

09/2019 to 11/2019

Community Enterprise in the 7th and 8th Wards

- Cleaned a dataset of over 100 surveys with 43 variables and open-ended responses.
- Applied inferential statistics to identify spatial trends in the local economy.

07/2017 to 12/2018

SKILLS

R | Python | SQL | GitHub | HTML | QGIS | GeoDa | Microsoft Suite | G-Suite | Arabic