Louis Nix II

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Detail-oriented critical thinker with a passion for using statistics and data analytics to create value and drive innovative solutions.

EDUCATION

Columbia University, Graduate School of Arts and Sciences — *New York City, NY*
Master of Arts, Quantitative Methods — *09/2019 to 05/2020*

Tulane University, School of Liberal Arts — *New Orleans, LA*
Bachelor of Science, Economics – Cum Laude — *09/2014 to 05/2018*

Financial Programming and Policies, IMFx — *Online via Edx*
Professional Certificate — *01/2019 to 04/2019*

American University of Beirut, CAMES Program — *Beirut, Lebanon*
Academic Certificate — *06/2018 to 08/2018*

EXPERIENCE

Research Assistant — *11/2019 to Present*
Institute for Social and Economic Research Policy (Columbia University)
- Provide qualitative research support producing literature reviews on gerrymandering.
- Utilize statistical techniques to operationalize theories testing for partisan bias in the construction of electoral districts for U.S. state legislatures.

External Relations Intern — *08/2018 to 12/2018*
Center for Strategic and International Studies
- Manipulated census dataset to identify demographic trends in congressional districts.
- Extracted material from policy reports, commentaries, and testimonies produced by researchers for dissemination via social media.
- Constructed and cleaned a database in Excel quantifying the Center's media reach.

Economic Research Intern — *06/2017 to 01/2018*
Fund 17
- Managed research efforts to identify the entrepreneurial landscape of New Orleans.
- Analyzed survey data to identify the major microeconomic factors impeding entrepreneurs, leading to the development of targeted business development services.
- Used Excel to ensure the timely compensation of 10 surveyors.

PROJECTS

ATMs and Financial Inclusion — *09/2019 to 12/2019*
- Geocoded addresses using R package RDSTK and produced visualizations in QGIS.
- Regressed financial inclusion measures on infrastructure location in a spatial lag model.

Political Views and Regulatory Preferences — *09/2019 to 11/2019*
- Regressed first-differenced panel data for regulatory views on political identification

Honors Thesis — *08/2017 to 05/2018*
- Developed one-state alternatives to the two-state solution for Israel and Palestine.
- Modeled joint labor and financial markets, as well as tax and resource regulation.

Community Enterprise in the 7th and 8th Wards — *07/2017 to 12/2018*
- Gathered surveys from respondents while managing and cleaning the database.
- Applied inferential statistics to analyze over 100 surveys with 43 variables.

SKILLS

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