

# 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.*

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## EDUCATION

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### 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

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### Research Assistant

*Institute for Social and Economic Research Policy (Columbia University)*

*11/2019 to Present*

- 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

*Center for Strategic and International Studies*

*08/2018 to 12/2018*

- 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

*Fund 17*

*06/2017 to 01/2018*

- 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

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### 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*

### Honors Thesis

- 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.

*08/2017 to 05/2018*

### Community Enterprise in the 7<sup>th</sup> and 8<sup>th</sup> Wards

- Gathered surveys from respondents while managing and cleaning the database.
- Applied inferential statistics to analyze over 100 surveys with 43 variables.

*07/2017 to 12/2018*

## SKILLS

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