

## Contact

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[Portfolio](#)

[Github](#)

[LinkedIn](#)



# Samuel Martinez

Geospatial Data Scientist

## Education

### MS in Urban Analytics

Georgia Institute of

Technology

Aug 2023 (anticipated)

3.88 cum. GPA

### BA in Economics

### BA in Sociology

Case Western Reserve

University

May 2022

3.94 cum. GPA

## Awards

### Schermehorn Award

2022

Awarded to an outstanding senior studying Sociology at CWRU.

### Phi Beta Kappa

2022

Oldest academic honor society in the United States.

## Leadership Experience

### VP / Founding Member

[#MeToo CWRU](#)

### Director / Founding Member

[Know Your Neighbors CWRU](#)

### Chapter Coordinator /

### Founding Member

[Ohio Student Association](#)

## Work History

### Georgia Tech Center for Quality Growth and Regional Development

#### Graduate Research Assistant

(Aug 2022 - May 2023) | Atlanta, GA

Utilized machine learning, data visualization techniques, and spatial multicriteria decision analysis to design a Community Decision Support tool for a local county in the Atlanta Metro.

Designed and demoed lab exercises for a Public Health Analytics course.

Utilized Python, R Scripting, and ArcGIS to develop and distribute the interactive tool.

### JumpStart Inc.

#### Research and Data Intern

(Nov 2020 - Aug 2022) | Cleveland, OH

Cleveland based nonprofit providing pro bono assistance to tech startups across the Rust Belt.

Created, deployed, and maintained a Power BI dashboard system that synced with company generated data in real time.

Performed a data migration across two instances of Salesforce.

Utilized SQL and R Scripting to fulfill company data requests.

## Technical Skills

R / CRAN



Python



SKLearn

Flask

Streamlit

geopandas

D3.js



ArcGIS



ArcPy

Spark



Tableau



SQL



Java



## Relevant Coursework

### Computational Data Analysis

- Machine Learning

### Data and Visual Analytics

### Advanced Geographic

### Information Systems

### Design of Smart Urban Systems

### Computational Economics

### Urban Sociology

### Advanced Econometrics

- Causal Inference

### Statistical Modeling, Inference, and Prediction