Contact

(413) 362-4197
sj.martinez218@gmail.com
Portfolio
Github
LinkedIn

Samuel Martinez
Geospatial Data Scientist

Education

MS in Urban Analytics
Georgia Institute of **Tech**nology
May 2023 (anticipated)
3.88 cum. GPA

BA in Economics
BA in Sociology
Case Western Reserve University
May 2022
3.94 cum. GPA

Awards

Schermerhorn 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.
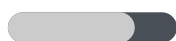
Technical Skills

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