

# Malik Salman

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## EDUCATION

### New York University

New York, NY

**M.Sc. Applied Urban Science**, GPA: 3.9/4.0

May 2025

**Capstone:** Authored and designed a comprehensive report on the proposed reactivation of the Rockaway Beach Branch railway in Queens, New York, in collaboration with the transit-oriented nonprofit QueensLink.

**Courses:** Urban System Resilience, Causal Inference, Applied Data Science, Machine Learning for Cities, GIS

### University of Michigan

Ann Arbor, MI

**B.Sc. Interdisciplinary Physics**, GPA: 3.5/4.0

May 2023

**Courses:** Advanced Urban Planning, Quantum Mechanics, Modern Physics, Linear Algebra, Differential Equations

**Exchange Program:** National University of Singapore

## PROFESSIONAL EXPERIENCE

### Center for Urban Science and Progress, New York University

New York, NY

**Assistant Researcher — Resilient Urban Networks Lab**

May 2024 – Jul 2025

- Designed and implemented causal inference methodologies to evaluate the impact of protected bike lanes on bike ridership in NYC, coordinating across data sources including CitiBike, Foursquare, the U.S. Census Bureau, and OSMnx.
- Led the end-to-end execution of a research project assessing the impact of the U.S. Open on local business visitation in Queens using mobile phone location data.
- Published 'Causal Impacts of Protected Bike Lanes on Cycling Behavior with Demographic Disparities' alongside Takahiro Yabe (PhD) and Marcel Moran (PhD).

### University of Michigan Museum of Natural History

Ann Arbor, MI

**Program Instructor**

Jun 2023 – Aug 2023

- Coordinated with scientists, researchers, and museum staff to develop and deliver interactive STEM activities.
- Oversaw program logistics and student engagement to ensure the successful execution of educational sessions.

### Global Scholars Program, University of Michigan

Ann Arbor, MI

**Assistant Instructor**

Sep 2021 – Apr 2023

- Provided mentorship and guidance to a student team working on an NGO internship project, ensuring alignment with deliverables.
- Facilitated training sessions on DEI, intercultural communication, and conflict resolution.

### Taubman College of Architecture and Urban Planning, University of Michigan

Ann Arbor, MI

**Research Assistant**

Jan 2021 – Jun 2023

- Led the development of a natural language processing framework to analyze the relationship between linguistic shifts and urban demographic changes.
- Managed project scope, methodology selection, and data processing pipelines.

## SKILLS

**Languages:** English (native), German (native), Spanish (proficient)

**Urban Strategy:** Data Storytelling, Infrastructure & Mobility Planning, Narrative Development, Policy Evaluation

**Computational & Quantitative:** Python, Causal Inference, Data Science, Machine Learning, Data Visualization, LaTeX, ArcGIS