

## Education

**University of Pennsylvania**, Philadelphia, PA

**Master of Urban Spatial Analytics**, August 2022 - May 2023 (Expected)

- Key courses: Public Policy Analytics, Economic Development, JavaScript for Planners, Public Finance, Cloud Computing, Energy Systems, Policy and Spatial Statistics
- Elected to serve as Student Council Representative; spearheaded biweekly bike rides to raise awareness and utilization of the city's bike infrastructure, oversaw development of JavaScript Discord bot to increase organization and engagement on student server

**Colgate University**, Hamilton, NY

**Bachelor of Arts in Mathematical Economics**, cum laude, August 2016 - May 2020

- Senior thesis in econometrics: used R to out-predict League of Legends betting agencies
- Key courses: Rhetoric of Data Visualization, Environmental Data Science, Mathematical Economics, Financial Economics, History of World Empires, Philosophy of the Mind
- Studied abroad at the Stockholm School of Economics; completed coursework in Energy Economics, Behavioral Economics, European Integration Economics, and Swedish
- Founder of the Colgate Esports Club; developed and publicized new student group, secured funding for gaming equipment, and coordinated entry into intercollegiate leagues
- Captain of the Colgate Ultimate Frisbee Team; led 30 players to regional success

## Experience

**Office of the Controller at the City of Philadelphia**, Philadelphia, PA

**Data Analytics Intern**, June 2022 - August 2022

- Analyzed Philly311 public data set to uncover illegal dumping patterns and disparities in deployment of government resources, resulting in insights for more equitable policies
- Created accessible visualization materials geared for public consumption in order to promote greater transparency and understanding of city government activities

**5<sup>th</sup> Square & Bicycle Coalition of Greater Philadelphia**, Philadelphia, PA

**Data Science Analyst** (freelance), September 2021 - Present

- Leverage Philadelphia's public data sets in order to design social media infographics on land use, public transportation, urban parks, licenses and inspections, as well as city's bike share program; generate wider support for and participation in localized causes
- Advise urbanist network members on data science projects
- Create maps of the city's future circuit trails network to get leadership buy-in for vision

**The Rounds**, Philadelphia, PA

**Delivery Cyclist**, January 2022 - May 2022

- Furthered knowledge of the city's geography through thousands of household goods deliveries for locally based, zero-waste startup

**True North Enterprise** (Amazon contractor), Delco, PA

**Data Analyst**, November 2020 - January 2021

- Used R and Tableau to modernize delivery service company's data reporting processes, enabling senior management to identify areas for improvement and increased efficiency