Sean H. Connelly

3049 W Medill Ave, Apt #3E, Chicago, IL 60647
(630) 300–8818 | sconnelly005@gmail.com | sean-connelly.github.io

WORK & LEADERSHIP EXPERIENCE

Nathalie P. Voorhees Center for Neighborhood and Community Improvement   **Chicago, IL**
Graduate Research Assistant, (10 hours per week)   Aug 2018 – May 2020
- Constructed a SQL database to expedite supply chain analysis for defense contracts within the Illinois Defense Network (IDN) as part of a $2.4 million grant awarded by the U.S. Department of Defense's Office of Economic Adjustment

New York County District Attorney's Office (DANY)   **New York, NY**
Senior Policy and Planning Analyst   June 2016 – Aug 2018
- Conducted data analysis in R during formulation of Office's Farebeat Decline-to-Prosecute policy. Found that most defendants were low-risk and transit arrests rarely unearthed serious criminal activity. New guidelines prevent additional 8,000 cases a year from entering criminal justice system
- Developed a R Shiny application linking several disparate SQL databases to improve how the Office identified and disclosed Brady/Giglio material regarding police and civilian witnesses to defense counsel

Office of the City Treasurer, City of Chicago   **Chicago, IL**
Policy Analyst Intern, (40 hours per week)   May 2015 – Aug 2015
- Researched and identified opportunities for potential cost savings among the city's 11 pension plans; this aggregate pricing strategy is estimated to save a combined $25 to $50 million a year in fees

EDUCATION

University of Illinois at Chicago – College of Urban Planning and Public Affairs   **Chicago, IL**
Master of Urban Planning and Policy   Aug 2018 – May 2020
- **Cumulative GPA:** 4.00 / 4.00
- **Relevant Coursework:**
  - Studied key urban transportation policy issues including congestion pricing, funding sources, transit
  - Surveyed the planning tools available to describe communities and developed a profile of Blue Island, IL detailing economic, demographic, and land use trends

Boston College – Morrissey College of Arts and Sciences   **Chestnut Hill, MA**
B.A. in Economics, Cum Laude   Sept 2012 – May 2016
- **Cumulative GPA:** 3.72 / 4.00
- **Relevant Coursework:**
  - Focused on capital markets, energy economics and policy, and international finance
  - Strengthened technical ability with STATA and Python software packages in econometrics, bolstered with courses in linear algebra and probability
  - Examined environmental economics, income and wealth inequality in the London School of Economics' General Course program

SKILLS

- **GIS, Data, and Visualization:** Esri ArcGIS, QGIS, R graphics and spatial packages, Adobe Creative Cloud
  - **Sample Work:** [Bike lane networks in the US](#), [SB 827 in New York City](#), [Blue Island Community Profile](#)
- **Database Management:** Microsoft SQL Server, Microsoft Access
- **Languages:** R, SQL, Python
- **Productivity and Business:** Microsoft Office suite, GitHub

VOLUNTEER EXPERIENCE

Another Course to College   **Boston, MA**
Boston College PULSE Program Tutor, (10 hours per week)   Oct 2013 – May 2014
- Assisted an SAT prep class, tutored in the after-school program, and guided students through the college application process at a Boston pilot school