

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 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**
Masters in Urban Planning and Policy Aug 2018 – May 2020

- **Cumulative GPA:** 4.00 / 4.00
- **Relevant Coursework:**
 - Studied key urban transportation policy issues such as congestion pricing, funding sources, public 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, development economics, and big data
 - 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

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- **GIS, Data, and Visualization:** Esri ArcGIS, QGIS, R graphics and spatial packages, Adobe Creative Cloud
 - **Sample Work:** [Bike lane networks in the US](#), [Mapping the potential of SB 827 in New York City](#)
 - **Database Management:** Microsoft SQL Server 2017, 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