# Jack Lundquist

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https://jack-lundquist.github.io/portfolio/


## Education

**Master of Science, New York University's Center for Urban Science + Progress** [2017 – 2018]

NYU CUSP Merit Scholar **(GPA: 3.9)**

**Bachelor of Science, Stanford University** [2014 – 2017]

Environmental Systems Engineering, Urban Track **(GPA: 3.7)**

## Work Experience

- Research Scientist, City Systems [September 2018 – Present]
- Intern, Executive Research Department, NY State Office of the Attorney General [Summer 2018]
- Civic Analytics Graduate Fellow, Urban Intelligence Lab [Fall 2017 – Summer 2018]
- Teaching & Research Assistant, Sustainable Urban Systems Initiative [Summer 2016 – Summer 2017]
- Resilience Intern, City of Oakland [Summer 2015]

## Course Projects

- CUSP Capstone: Digital Traces of the Predatory Landlord [Winter 2018 – Present]
- Assessing Racial Discrimination in Traffic Stops Across Texas [Winter 2018 – Present]
- Program Analysis: Los Angeles County's Flexible Housing Subsidy Pool [Spring 2018 – Summer 2018]
- The Affordable Housing Opportunity Index [Fall 2017 – Spring 2018]
- Researcher & Designer, City of San Jose (Sustainable Urban Systems Project) [Fall 2015 – Spring 2016]
- Social Media Strategist, Faith in Action Bay Area [Spring 2016]
- Communications Consultant, Government of Indonesia [Winter 2016]

## Publications

- Digital Traces of the Predatory Landlord
- Applications of Machine Learning Methods to Predict Readmission and Length-of-Stay for Homeless Families

## Honors and Distinctions

- Recipient of the MacArthur Foundation Civic Analytics Graduate Student Fellowship
- NYU CUSP Merit Scholar
- Speaker, Bloomberg Data for Good Exchange (2018)
- Speaker and moderator, Applied Urban Science Group
- Organizer, 2017 Sustainable Urban Systems Symposium and two Smart Cities NYC workshops (2017/2018)
- Founding contributor, data.tale()

## Skills

- Statistical analysis: regression, clustering, random forests, time series analysis, geospatial analysis
- Data visualization and web design
- Data integration and management
- Analysis and evaluation of municipal programs and policies
- Multimedia communication of technical findings in urban planning, social services and criminal justice
- Programming languages: Python, R, SQL, Javascript, HTML, CSS, Leaflet, ArcGIS, CARTO, Excel