

Anna Duan

annaduan@sas.upenn.edu | 267-901-5152 | Portfolio: <https://annaduan09.github.io/anna-duan-portfolio/>

Personal Statement: I am an urban studies student motivated to use data and research-driven methods to tackle social and spatial inequity dilemmas in cities. I have developed an aptitude for understanding and articulating complex stories of urban change through a range of quantitative and qualitative research experiences, and I am eager to apply my multidisciplinary skillset to the betterment of cities.

EDUCATION

University of Pennsylvania	Cumulative GPA: 3.97	Philadelphia, PA
Bachelor of Arts in Urban Studies	Concentration: Urban Spatial Analytics	May 2022

Relevant Coursework: Urban Research Colloquium (A), Public Policy Analytics (A), Urban Research Methods (A), Community Economic Development (A+), Urban Spatial Analytics Capstone (A)

Awards and Honors: College Dean's List (2018 - Present), Penn Institute of Urban Research Leadership Fellow, Urban Studies Gordon Fellow, Netter Center Class of 1960 Intern & Hollway Intern (2018, 2019), Hassenfeld Grant for Undergraduate Research in Urban Studies (2021)

WORK EXPERIENCE

May 8 Consulting - Intern	January 2021 - Present
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- Researched novel foreclosure and eviction prevention strategies for municipalities' Covid-19 response
- Conducted national review of community land trusts and other alternative modes of land ownership

Masters in Urban Spatial Analytics Capstone - Student Researcher	January 2021 - May 2021
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- Constructed machine learning model to predict future deforestation and inform area tree planting efforts
- Developed web application to visualize risk factors and future tree loss for USDA Forest Service

Metropolitan Planning Council - Transportation Research Assistant	May 2020 - August 2020
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- Coordinated free bike distribution program for essential workers during Covid-19
- Analyzed and [reported](#) on sidewalk walkability disparities in Chicago-area municipalities using ArcGIS

RESEARCH PROJECTS

University of Pennsylvania Urban Studies Dept.	April 2021 - Present
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When the Penn Kids Came: Population Succession in a Black Bodybuilding Gym

- Document impact of influx of college students at a predominantly Black gym during Covid-19
- Awarded *Hassenfeld Grant for Undergraduate Research in Urban Studies* for work on senior thesis

University of Pennsylvania City and Regional Planning Dept.	December 2018 - May 2021
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Older Adults' Senior Center Access via SEPTA: GTFS Case Study of Philadelphia

- Measured older adults' spatiotemporal transit access to senior centers using open-source data
- Co-authored publication and presented at International Association for China Planning and Transportation Research Board conferences in Winter 2020

University of Pennsylvania Urban Studies Dept.	2019
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Beds for Rent: Economic Motives of Rural Jail Growth post-1970

- Analyzed political-economic forces driving the expansion of rural incarceration
- Presented and [published](#) research paper at Johns Hopkins University Macksey Research Symposium

ADDITIONAL EXPERIENCES

Urban Studies Undergraduate Advisory Board - Member	May 2020 - Present
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- Spearhead initiatives including 6 alumni career panels and mentorship opportunities; recruit members

The Netter Center for Community Partnerships - Civic Development Intern	May 2019 - May 2021
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- Instructed & developed high school food justice, college/career readiness, and media skills workshops
- Developed and implemented a trauma-informed arts program based in a local urban high school

SKILLS AND INTERESTS

Skills: Research | R | ArcGIS | Writing | Excel | Design | French (Fluent) | Mandarin (Native)

Interests: Data Analytics | Urban Inequity | Community Health | Powerlifting | Visual Art