IZZY YOUNGS

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Summary

Highly organized Research Specialist and passionate urbanist with 3+ years of experience in a dynamic and fast-paced academic lab setting. Proven track record for adopting new skills quickly and developing timely, relevant, and valuable tools and policy recommendations for technical and non-technical audiences.

Education Georgetown University Washington, DC

Master of Professional Studies in Urban and Regional Planning (Summa cum Laude)

Aug '21

- Awards and Distinctions: Chair, 2021 Graduate Planning Society; 2020 Georgetown Global Cities Initiative Graduate Fellow; 2021 Community Builder Award; 2020 Geospatial Prize
- Thesis: Smart City Planning: Using Machine Learning to Develop Local Household Eviction Prevention Strategies

University of Nevada, Reno

Reno, NV

Bachelor of Political Science and Bachelor of Communication Studies (cum Laude)

Dec '16

Experience

Georgetown University, Massive Data Institute Research Specialist

Washington, DC Aug '21 - Present

Executes project tasks and deliverables, including analyzing policies, developing data processing pipelines, creating interactive and data-driven visualizations and maps, and conducting research on the use of statistical and administrative data.

- Translates and presents technical research findings into high-level policy recommendations, conference presentations, webinars and seminars, blog posts, reports, infographics, and web-based tools for funders, local data users, and the public.
- Consults demographers and nonprofit organizations on topics related to data governance, administrative data, intercensal population estimates, and census data best practices.

Project Manager Oct '19 - Aug '21

- Served as a highly effective project manager across several programs in a \$3 million+ portfolio, overseeing the entire project cycle from writing funding proposals, creating financial budgets, outlining work plans, submitting Institutional Review Board applications, and overseeing data purchases and data use agreements to documenting procedures and authoring final grant reports.
- Hired, onboarded, and supervised over one dozen research assistants, providing compassionate and collaborative leadership and connecting assistants to opportunities for professional and academic growth.
- Coordinated the event planning and marketing for virtual webinars, events, executive education, trainings, and capacity-building programs with industry experts through various professional associations and organizations.

Georgetown Business Improvement District

Washington, DC

Data Science Intern

May '20 - July '20

Analyzed location, demographic, and business data to assess retail and office market performance as well as visitor and local resident transportation behavior across the modal split to contribute to economic development and COVID-19 recovery approaches, such as expanded sidewalks for street dining and increased investment in outdoor spaces.

Urban Institute, Office of Technology and Data Science

Washington, DC

Academic Intern

Jan '20 - May '20

- Assessed and summarized one dozen Smart City and equity initiatives around the country into case study memos for a report comparing how public procurement, data governance, and administration practices affect equity promises.
- Contributed to the development of a bias assessment tool by using R to spatially join points and polygons to census tracts, which automatically generates reports on the demographic bias of data sets.

The Lockard Group Carson City, NV

Legislative Assistant

Feb '19 - June '19

Mapped and carried out a legislative agenda by lobbying state lawmakers, analyzing proposed legislation, suggesting amendments, providing testimony, tracking bills, and writing reports, resulting in the advancement of policy priorities.

Presentations A Field Analysis of Standardizing Place-Based Indicators. International Population Data Linkage Network Conference. Oral presentation. Edinburgh, Scotland. September 2022.

Expectations for the 2020 Decennial Census and How They Stood Up to Scrutiny. International Population Data Linkage Network Conference. Oral presentation. Edinburgh, Scotland. September 2022.

Compiling a Census Assessment Tool. Symposium on Data Science and Statistics (SDSS). Oral presentation. Pittsburgh, PA. June 2022. Compiling a Census Assessment Tool. Michigan Institute for Data Science (MIDAS) Data For Public Good symposium. March 2022.

Publications Space and Place: How Political Geographies Vary Across the US. May 2022.

Balancing Utility Versus Privacy in the 2020 Census: Sentiments from Data Users. April 21, 2022. Available at SSRN.

A Crash Course on the Census Bureau's TopDown Algorithm. March 2022.

Who is Missing from Administrative Data? August 2020.

Using Administrative Data for Economic Stimulus, July 2020.

ArcGIS, Tableau, R (tidyverse, sf, ggplot2), RMarkdown, QGIS, HTML/CSS, WordPress, LaTeX/Overleaf, Zotero, Leaflet/Mapbox, Tech Stack Github, Canva, Google Cloud Platform, Unix Command Line, SPSS, Colab, Jupyter Notebooks, Microsoft suite, Google suite, and more.

Interests Reading science fiction novels, hiking in the Sierras, doing the daily crossword puzzle, and listening to the 99% Invisible podcast.