

## IZZY YOUNGS

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### SUMMARY :

My interests are in the intersection of data-driven policy and urban systems. I am seeking an opportunity to support evidence-based policymaking through urban economics and housing research.

### EDUCATION :

Georgetown University, Washington, DC

*MA in Urban and Regional Planning, Anticipated 2021*

- Graduate Planning Society Chair
- Awarded 2020 Geospatial Prize

University of Nevada, Reno

*BA cum laude in Political Science and Communication Studies, 2016*

- Executive committee member for 2 student clubs

### PROFESSIONAL EXPERIENCE :

Georgetown University, McCourt School of Public Policy, Massive Data Institute, Washington, DC

*Project Manager, August 2019 – Present*

- Managing multiple projects for the Tableau Foundation, the Sloan Foundation, and the New Venture Fund totaling \$2.9 million related to data governance, administrative data linkage, population estimates methodology, and the 2020 census.
- Awarded \$670k in grant funding and securing the unit's financial health by managing the grant proposal process for the unit's data governance and population measurement projects.
- Coordinating the day-to-day operations of the unit by developing an internal management system, crafting outbound communications using MailChimp, and establishing our online presence using WordPress.
- Defining concrete goals and identifying assets and priorities to improve grant financial performance and ensure efficient development sprints for data products and web-based interactive tools.
- Identifying and resolving obstacles to achieving project deliverables on schedule through setting deadlines, meeting with project team members, and implementing project management best practices guidance as identified in the Project Management Body of Knowledge.
- Documented standard operating procedures and internal tool processes for accessing Google Cloud Platform virtual machines through the command line and versioning data using git and Github.
- Designed and created a staff intranet site using Google Sites to manage staff report outs, project Gantt and RACI charts, and pool procedures and resources.
- Hire, onboard, and supervise over a dozen research assistants for the unit, oversee the subcontracting and procurement process for independent contractors, and serve as a point of contact between contractors/RAs and Principal Investigators.
- Consult for local government administrators on issues related to population measurement modeling, data governance, and administrative data linkage.
- Writing blog posts for the Massive Data Institute the census, population measurement using administrative data, and ethical administrative data reuse for secondary academic and policy development purposes.
- Establishing the unit's brand identity, user design interface, and visual identity standards and creating graphics, dashboards, and maps for reports using ArcGIS, Mapbox, and RMarkdown.

Georgetown University, Global Cities Initiative, Washington, DC

*Graduate Fellow, January 2021 – June 2021*

- Authored a report on the obstacles and opportunities of expanding the use of GIS across the Georgetown campus through interviews with academic scholars, students, digital scholarship librarians, and department administrators.
- Performed a conditions assessment and SWOT analysis to identify the major opportunities for Georgetown in expanding their support of spatial analysis and thinking.
- Developed an ArcGIS Urban model for a studio course to simulate sustainable development proposals for the Friendship Heights neighborhood, cleaning and joining datasets from multiple jurisdictions for a single Urban model.
- Developed a workshop in collaboration with Esri's Solution Engineer for Smart City Solutions on utilizing ArcGIS Urban for students in the studio course.

Georgetown Business Improvement District, Washington, DC

*Data Science Intern, May 2020 – July 2020*

- Pulled mobility data from Placer.ai, the Census Bureau, and open data portals to analyze Georgetown BID visitor and local resident demographics, transportation behavior, retail market performance, and office market performance.
- Automated the collection and visualization of bikeshare usage data through JavaScript code which leveraged the Capital Bikeshare API endpoints and referenced the results into a Tableau dashboard.
- Designed, built, and launched Tableau dashboards to assess and visualize major financial trends in the Georgetown BID to contribute to economic development and COVID-19 recovery approaches.

Urban Institute, Office of Technology and Data Science, Washington, DC

*Academic Intern, January 2020 – Present*

- Instrumental in the research for a report on equity promises and Smart City technology programs in major metropolitan areas through a dozen reports assessing various initiatives around the country.
- Contributed to the development of a bias assessment tool by using R to spatially join points and polygons to Census tracts. The bias assessment tool automatically generates reports on the demographic bias of data sets.

Washoe Legal Services, Reno, NV

*Legal Assistant, November 2017 – August 2019*

- Oversaw the transition to a new cloud-based CMS and electronic record-keeping system, documented standards and procedures, and launched several new web-based applications and tools to assist in client and case management using Microsoft SharePoint and PowerApps.
- Exercised broad knowledge of the firm's policies and operations to perform highly confidential duties and organize a large legal team's cases. Assisted with legal research and case management, prepared pre-trial exhibits, and coordinated swift and accurate preparation of pleadings.
- Developed legal memos on existing case law and statutes related to issues of primary concern for children in foster care, including school matriculation, residential placement laws around gender, and laws around locked facilities and the rights of minors in foster care.

Truckee Meadows Regional Planning Agency, Reno, NV

*Intern, January 2019 – August 2019*

- Reviewed and edited the Truckee Meadows Regional Plan update's draft policies.
- Represented the agency at regional planning meetings and oversaw the clerking responsibilities of managing commission meetings and facilitating public comment forums.

The Lockard Group, Carson City, NV

*Legislative Assistant, February 2019 – June 2019*

- Developed and carried out a legislative agenda by lobbying lawmakers, analyzing legislation, suggesting amendments, providing testimony, tracking and researching bills, and writing reports.

- Built a broad legislative coalition with strategic partnerships with community groups in the nonprofit, for profit, and governmental sectors to advance the legislative priorities of the SEIU Local 1107 and the Nevada Women's Lobby.
- Successfully lobbied for hospital worker protections, eviction record sealing, affordable housing development streamlining, a low-income housing database, tenant protection laws allowing tenants to retrieve essential items after a lockout and capping late fees at 5% of rent, and increasing state contributions to the LIHTC fund to \$10 million.
- Coordinated the annual Grassroots Lobby Days for the Nevada Women's Lobby, with over 200 guests, panelists, and speakers from the Nevada State Legislature, including the Assembly Majority Floor Leader and the Senate Assistant Majority Leader.

Children's Advocacy Alliance, Reno, NV

*Northern Nevada Storybanking Coordinator, July 2017 - October 2017*

- Funded through a grant from the Georgetown Center for Children and Families and the Kaiser Family Foundation to increase the state's advocacy for Medicaid preservation and expansion.
- Researched, identified and contacted dozens of community nonprofits to develop a strong coalition called Nevadans Together for Medicaid and served as the liaison for connecting with members and advocating to prevent Medicaid and other health care spending cuts in 2017.
- Researched state and federal policies, compiled statistical and anecdotal data, and wrote memos on health care policy in Nevada which were compiled into a report for Nevada's senators.

Nevada Legislative Counsel Bureau, Carson City, NV

*Government Affairs Committee Secretary, January 2017- June 2017*

- Facilitated the business conducted in the Assembly Committee on Government Affairs through organizing materials, completing bill action reports, and attending and taking roll at Committee hearings and Floor Sessions.
- Administered and preserved the legislative record for the Assembly Committee on Government Affairs, reviewing legislative language and intent on issues related to governance and federalism.
- Produced complete and accurate documentation through detailed reports and minutes through collaboration with the Committee Chair, legislators, State Administrators, lobbyists, and the general public.

#### CONTRIBUTIONS TO PUBLICATIONS:

*Spatial Equity Data Tool: Measuring Disparities in Your City.* Research by Ajjit Narayanan, Alena Stern, and Graham MacDonald. Contributed to research. Published September 2020.

*Creating Equitable Technology Programs: A Guide for Cities.* Authored by Alena Stern, Graham MacDonald, and Khuloud Odeh. Contributed to research. Published September 2020.

*Who is Missing from Administrative Data?* Authored with Amy O'Hara and Lahy Amman. Published August 2020.

*Using Administrative Data for Economic Stimulus.* Authored with Amy O'Hara. Published July 2020.

#### TECHNICAL SKILLS:

Spatial analysis using ArcGIS Pro, R, and Python

Data wrangling with R, Python, SPSS, and ArcGIS Arcade

Data visualization with Tableau, Mapbox, ArcGIS Pro, and R

Web design and documentation with RMarkdown, HTML/CSS, WordPress, and Google Sites

3D modeling in Sketchup and ArcGIS Urban

Video editing and animation with Adobe Premiere Pro and After Effects

Web app development with Microsoft PowerApps

Academic research organization and formatting using Zotero, BibTeX, and LaTeX

Conversational in American Sign Language