ISABELLE P. HIRSCHY

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TECHNICAL EXPERIENCE

Programming Languages: Advanced Python; R; SQL; JavaScript
Tools: D3; Git

Data and Programming for Public Policy Final Project **Fall 2021**
- Created an index in Python to score city-owned vacant lots in Chicago as potential candidates for green space conversion, including automating the data pipeline from the City Open Data API
- Built a database in SQL to store vacant lot information and scores, allowing easier access for city officials

WORK EXPERIENCE

City of Chicago Office of the Mayor **Chicago, IL**
Data Scientist, Digital Services **October 2021 – Present**
- Managed stakeholder communication and a cross-functional team to develop the 1st employee-facing Digital Services Products

Mayoral Fellow **June 2021 – September 2021**
- Conducted extensive data analysis in R (tidyverse) and built charts using ggplot2 to investigate local government violence prevention budgets
- Drafted a new Data Equity Plan for the Department of Housing based on industry best practices

City of Wind Design **Chicago, IL**
Product Manager **September 2021 – January 2022**
- Oversaw the development of a UX Research Audit Service for B2B and SaaS products, including managing 3 researchers and 2 designers

South Side Housing Data Initiative **Chicago, IL**
Data Analyst **November 2020 – June 2021**
- Conducted community-lead research on the state of affordable housing in South Shore, Chicago
- Developed and ran scripts in R to produce reports on land vacancies, demographics, and property taxes

The Conservation Fund **Chapel Hill, NC**
Rural Strategist at Resourceful Communities **August 2019 – August 2020**
- Generated digital resource guides and tool kits to support grassroots efforts in social entrepreneurship

Appalachia Service Project **Johnson City, TN**
Center Director for Rutherford, NC Center **May 2019 – August 2019**
- Managed a team of 3 in partnership with a local nonprofit to leverage grant funding worth $13,616

Center Director for Knox, KY Center **May 2018 – August 2018**
- Fundraised $22,318 to supplement a budget of over $40,000 to complete extensive home repair projects

Volunteer Coordinator for Nicholas, WV Center **May 2017 – August 2017**
Volunteer Coordinator for Jonesville, VA Center **May 2016 – August 2016**

EDUCATION

University of Chicago Harris School of Public Policy **Expected June 2022**
Masters of Public Policy
Certificate in Data Analytics

University of North Carolina at Chapel Hill **May 2019**
Bachelor of Arts in Political Science
Second major in Peace, War and Defense with a Minor in Social and Economic Justice
Honors Carolina Program | Phi Beta Kappa | Graduate with Highest Distinction

LEADERSHIP AND INVOLVEMENT

Harris School of Public Policy Student Recruitment and Global Outreach **Chicago, IL**
Graduate Assistant **September 2020 – Present**
Harris Student Government **Chicago, IL**
Social Chair **April 2021 – Present**