Anna Liticks

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EDUCATION

Carnegie Mellon University, Heinz College, Pittsburgh, PA   May 2024
M.S. in Public Policy & Management – Data Analytics
A highly selective STEM certified program that includes robust coursework in data mining & machine learning, statistics & modeling, and computer programing.

Pomona College, Claremont, CA   May 2020
B.S. in Statistics, Minor in Political Science

SKILLS & COURSEWORK

<u>Technical</u>: R (Tidyverse, Shiny), Python (pandas, NumPy), Power BI, SQL, Tableau, Excel, GIS
<u>Languages</u>: French (advanced), Spanish (basic)
<u>Courses</u>: Data Analysis, Machine Learning, Database Management, Econometrics, Statistics & Modeling, Management Science, Technology Policy, Advanced Business Analytics, Artificial Intelligence

PROJECTS

Consolidated Course Searching Tool [Python]   November – December 2022
- Developed a unified course searching tool by combining data collected through webscraping, querying an API, and manipulating a csv file using the Beautiful Soup, requests, json, and pandas libraries

Mapping Micromobility Access By Demographics in Pittsburgh [R Shiny]   October 2022
- Designed an interactive mapping dashboard to analyze disparities in bike share access in Pittsburgh across various demographic characteristics using R shiny, leaflet, and shinydashboards

Best Practices in Local Business Engagement [R + GIS]   January – May 2020
- Researched and analyzed business engagement data of 7 community development organizations across the US, and recommended a list of actionable programs to help the attract and retain local businesses in each community

PROFESSIONAL EXPERIENCE

City of Sacramento, Sacramento, CA   June 2020 – July 2022
Analyst – Department of Health and Human Services
- Created dashboards for city leadership that reviewed service usage across departments, resulting in city-wide optimization of social services and a 10% savings of annual budget
- Collaborated with a team of 3 to develop a housing-insecure population model that was adopted by the City of Sacramento
- Applied GIS to map 6,000+ publicly funded Sacramento housing assets to create a current consolidated database
- Analyzed and complied data on high-cost users of the city's health and human services, and reported initial findings to mayoral leadership team

Federal Reserve Board, Washington, D.C.   June – August 2019
Payment Systems Intern
- Collaborated with research assistants to research and organize a presentation on Bayesian linear regression that was presented to section economists
- Compiled information about changes in the Federal Reserve Payment Study over time; produced a document that will be used to train new hires in the section

SERVICE & LEADERSHIP

Statistics with R, Teaching Assistant   August 2022 – Present
Students Using Data for Social Good, Member   August 2022 – Present