Matt Herman

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EDUCATION

City University of New York, Hunter College   New York, NY
Master of Science in Applied Social Research   May 2018

Columbia University, Columbia College   New York, NY
Bachelor of Arts in American Studies   May 2006

EXPERIENCE

Center for Innovation through Data Intelligence, Office of the Mayor   New York, NY
Research Intern   June 2017 – present

- Develop predictive model to identify individuals at risk of becoming homeless using natural language processing and machine learning tools
- Match individual-level data across multiple NYC administrative databases

Mapping the Solidarity Economy Project, Professor Marianna Pavlovskaya   New York, NY
Research Assistant   February 2018 – present

- Download, clean, and anaylze financial data from the National Credit Union Administration
- Build maps and perform spatial analysis of cooperative businesses

Ends Meat   Brooklyn, NY
Director of Operations   March 2015 – present

- Develop financial, regulatory, and management systems for butcher shop/salumeria
- Create short, medium, and long-term business model and budgets

Measure of America   Brooklyn, NY
Data Analysis Intern   Jan 2017 – June 2017

- Obtained, cleaned, and analyzed large public datasets including the American Community Survey
- Created maps, graphs, and charts of demographic, economic, and health indicators

StoryCorps   Brooklyn, NY
Door-to-Door Facilitator   Nov 2008 – Sept 2011

- Helped people record the stories of their lives for one of the largest American oral history projects
- Collected, processed, and archived interview materials to be cataloged by the Library of Congress, including audio files, photographs, and demographic data

Development Associate   May 2007 – Nov 2008

- Managed individual giving programs through targeted communications
- Prepared grant proposals and reports for foundation and government funders

SKILLS

Proficient with R, ArcGIS; Familiar with machine learning, statistical modeling, natural language processing, SQL, QGIS, Stata, SPSS, Git/GitHub, cloud-based databases; Conversational Spanish