

Mitsue Iwata

mitsueiwata@uchicago.edu | 914.330.4690

OBJECTIVE: Computational social scientist and designer seeking a position in data science and urban policy.

EDUCATION

MS Computational Analysis and Public Policy June 2016
University of Chicago, The Harris School of Public Policy Chicago, IL
Coursework: Statistical Theory I & II, Microeconomics I & II, Machine Learning for Public Policy, Computer Security, Databases for Public Policy, Big Data, Cloud Computing, Web Development

BA Sociology, minor in Public Policy – Summa cum laude, Phi Beta Kappa May 2014
Hunter College of the City University of New York New York, NY

Advance Professional Degree, Fashion Creation March 2009
Sugino Dressmaker Gakuin, received Japanese Ministry of Education Government Scholarship Tokyo, Japan

SKILLS

Python using Scikit-learn, Pandas, NLTK, Django, Flask (fluent); Java, SQL, ArcGIS (proficient); C, Hive (beginner)

PROFESSIONAL EXPERIENCE

Mayor's Office of the City of Chicago, Mayoral Fellow June 2015 – Present

- Launched more than 15 data sets for Open Data Portal together with Chief Data Officer
- Facilitate meetings for City of Chicago language access plans – identify content, best practices, and challenges
- Present progress on language access initiative to community stakeholders
- Work with team on economic development plan to incentivize investment and streamline city and state processes

National Economic and Social Rights Initiative, Housing Program Intern Sept. 2013 – May 2014

- Interviewed members from national grassroots housing campaign, Take Back the Land, and wrote evaluation report
- Created educational materials outlining systemic components of gentrification and affordable housing issues
- Drafted statements and allegation letters regarding international human rights standards for housing

dedegumo nyc, Artisan Oct. 2010 – Jan. 2012

- Designed hand-made watches and produced over 300 watch faces, casings and bands for inventory
- Teamed with 5 artisans as craftsman, sales clerk, and visual merchandiser at high-end handmade watch company
- Developed quality control system and guidebook for hand-made production to lower risk of returns or repairs

Aviva Stanoff Design, Inc., Production Operator and Quality Control Jun. 2009 – Oct. 2010

- Managed production team of three members for custom textile and home accessories company
- Streamlined dye recipes and print techniques to improve quality and consistency of product

PORTFOLIO HIGHLIGHTS

SouthSide Civic (<http://southsidecivic.net>, Github username: mitsueiwata) Jan. 2015 – Present
Co-founder of civic-minded technology innovation group for the South Side of Chicago. Partnered with community stakeholders to recruit 10 public and nonprofit organizations to participate in first-ever South Side hackathon.

Issue stance classifier Winter 2015
A multi-label classification application using natural language processing, random forests, multilinear regression, and SGD to classify a policy issue based on text.

Neighborhood Match Spring 2015
A neighborhood recommendation application for expanding small businesses. Accepted for the Social New Venture Challenge at Booth. Developed a matching and ranking algorithm that combines multiple data sources, and displays a geographic region based on user inputs.

Urban Center for Computation and Data Winter 2014
Communicated data-driven urban sustainability project and data standards practices in waste management for San Francisco city planning department and third-party contractors.