
EDUCATION

Professional Certificate, 05/2016 – 12/2016

Columbia University Graduate School of Journalism & Department of Computer Science

- ▲ The Lede Program is an interdisciplinary post-baccalaureate program focused on advancing proficiency with data through courses covering databases, data structures, algorithms, machine learning, and data visualization.

B.A. Economics, 09/2008 – 05/2012

Columbia University, Columbia College in the City of New York

EXPERIENCE

MDRC, 07/2016 – 10/2016 and 10/2012 – 11/2015

Consultant/Technical Research Assistant

- ▲ Wrote, checked, and updated impact programs for four large-scale social policy research projects using statistical programming packages and network analysis tools including SAS, SQL, and UCINET
- ▲ Cleaned and checked survey, network, administrative, and management information system data
- ▲ Implemented classification and regression trees using SAS Enterprise Miner to add insight to survey response bias evaluation
- ▲ Conducted comprehensive literature reviews to assist with the development of experimental designs
- ▲ Acquired governmental datasets for two projects and supervised data collection process for survey firm contractor
- ▲ Wrote technical memos documenting data quality, trends, and data processing decisions.

Columbia University, 06/2011 – 09/2011

Sustainable Development Department (Professor Solomon Hsiang), Research Assistant

- ▲ Systematically collected information on all tropical cyclones in the Atlantic Basin from 1970 to the present
- ▲ Constructed a quantitative system of categorizing storm-incurred damages for the research team's analysis

Columbia University, 01/2011 – 05/2011

Economics Department (Assoc. Professor Stefania Albanesi), Research Assistant

- ▲ Navigated the Integrated Public Use Microdata Series (IPUMS-International) to locate 70+ years of census data in 30 countries
- ▲ Extracted and cleaned relevant variables using STATA and Excel for advanced analysis
- ▲ Conducted basic statistical analysis of census data for each country

SKILLS

Coursework

Essential Data Structures in C/C++, Foundations of Computing in Python, Data Analysis Studio, Storytelling with Data (D3), Algorithms, Linear Algebra, Statistics w/ Calculus, Analysis and Optimization, Ordinary Differential Equations, Calculus I – III, Econometrics

Computing

Proficient	SAS, SQL, Python, Excel, Adobe Illustrator
Basic	C/C++, D3

Language

Proficient	French
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COMMUNITY INVOLVEMENT

Mixed Medium, *Secretary*

- ▲ Founding member of arts education nonprofit dedicated to providing visual arts and music education to disadvantaged youth