REI BERTOLDI

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EDUCATION

University of Chicago, Harris School of Public Policy   June 2020
Master of Public Policy
Certificates in Data Analytics, Energy and Environmental Policy

University of California, Davis
Bachelor of Arts in Science & Technology Studies   June 2016

EXPERIENCE

TEACHING ASSISTANT, University of Chicago – Chicago, IL   02/2020 – 06/2020
- Teaching assistant for Data and Programming for Public Policy I in R
- Debugging prior problem set solutions, including trouble shooting external database issues
- Developing new course problem sets
- Collaborating on effectively transitioning the course to remote learning
- Leading weekly office hours, biweekly labs and responding to student queries remotely

CODING LAB AND R BAR INSTRUCTOR, University of Chicago – Chicago, IL   08/2019 – 12/2019
- Developed curriculum on the foundations of programming and data analysis in R
- Instructed an incoming class of over 500 graduate students
- Prepared students without prior coding experience for the required Statistics for Data Analysis sequence
- Led weekly student coding workshops and provided individual coding support

RESEARCH ASSISTANT, University of Chicago – Chicago, IL   07/2019 — 09/2019
- Replicated statistical analysis of prior literature and reconciliated results with novel lab data
- Created and updated data visualizations including paper's key and index plots
- Installed a switch in a messy script of over 1000 lines, allowing it to generate output statistics and plots for various threshold cutoff values
- Troubleshot automating lintr to run on Git staged files on Windows

CASE MANAGER, Atrium Experts – Los Angeles, CA   09/2016 – 08/2018
- Managed attorney and expert witness business relations, including recruiting, scheduling, billing and invoicing
- Executed initiatives including: Google AdWords, Quality Control and Feedback Surveys, New Employee Training, Email Marketing, Contracting, Vendor/Client Relations

SKILLS

- Data management, visualization and analysis, and basic machine learning in R
- Programming fundamentals and web scraping in Python
- GIS visualization and analysis in R, QGIS, and GeoDa
- Stata
- Causal analysis, multivariate regression analysis, multi-level regression modeling, longitudinal data analysis, spatial regression analysis, program evaluation

Languages:
- Japanese (intermediate)

COMMUNITY AND VOLUNTEER WORK

- University of Chicago Public Policy Podcasts: Co-Creator 'Kinda, Sorta, Brown'   10/2018 – 2/2020
- Chicago Community Bond Fund Volunteer: Data Cleaning, Analysis and Visualization   3/2019 – Present