

REI BERTOLDI

(424) 901-3756 rhbertoldi@uchicago.edu

EDUCATION

University of Chicago, Harris School of Public Policy
M.P.P. Candidate, Certificate in Energy and Environmental Policy (in progress)
Cumulative GPA: 3.5

Chicago, IL
June 2020

University of California, Davis
B.A. Science & Technology Studies, Cumulative GPA: 3.65

Davis, CA
2016

EXPERIENCE

CODING LAB AND R BAR INSTRUCTOR, University of Chicago – Chicago, IL 09/2019 – 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 very messy script of over 1000 lines, allowing it to generate output statistics and plots for various threshold cutoff values
- Troubleshoot automating lintr to run on Git staged files on Windows

CASE MANAGER, Atrium Experts – Los Angeles, CA 07/2017 – 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

CASE MANAGER, National Disability Evaluations – Los Angeles, CA 09/2016 – 08/2018

- Assisted California counties in recruiting doctors to perform medical evaluations for disability claims
- Executed initiatives including: HIPAA Compliance, Requests for Proposals with EEOC, FTC, FAA, and various Disability Retirement Systems

RESEARCH ASSISTANT, Smartstart Evaluation and Research – Los Angeles, CA 09/2015

- Conducted student surveys in Japanese at El Marino Language School to assess comparability in student practices of engagement
- Compiled survey data in Excel

SKILLS

- Data management, visualization and analysis in R (tidyverse, ggplot2)
- Programming fundamentals and web scraping in Python (pandas, beautiful soup)
- Basic machine learning in R
- GIS visualization and analysis in R (sf), QGIS, and GeoDa
- Causal analysis, Bayesian statistics, program evaluation, multi-level regression modeling

Languages:

- Japanese (intermediate)

EXTRA-CURRICULARS

- University of Chicago Public Policy Podcasts: Co-Creator 'Kinda, Sorta, Brown' 10/2018 – 2/2020
- Chicago Community Bond Fund: Data Cleaning, Analysis and Visualization 3/2019 – 9/2019