SUNNY SHAO

🎓 EDUCATION

PhD. Candidate, Political Science
current | 2016
University of California
📍 Riverside, CA

M.S., Public Policy
2015 | 2013
Pepperdine University
📍 Malibu, CA

💼 SELECTED POSITIONS

Researcher & Center Associate
current | 2018
Center for Social Innovation (UCR)
📍 Riverside, CA

- Design survey and census outreach messaging experiments, and statistically analyze and present datasets using R and MongoDB to stakeholders
- Independently query, analyze and model both structured and unstructured datasets to measure disparity and social impacts
- Design and deployed interactive data visualization tools such as data dashboards and mapping tools using R, shiny, ArcGIS and AWS

Researcher
current | 2017
AAPI Data
📍 Riverside, CA

- Work with local, state, and national organizations on over 130 data consulting projects
- Program Qualtrics experimental surveys with name-matching algorithms to determine ethnicity from voter files
- Create the infographic reporting workflow for survey projects using R and Python

Summer Fellow (Survey Design)
2016
Education Pioneer
📍 Los Angeles, CA

- Worked closely with coordinators, principals and teachers on program evaluations
- Created stratified weighted sampling surveys to evaluate programs of Camino Nuevo charter school network
- Designed protocols and methodology for future program evaluations

Data Analyst Intern
2012
SmartAnalyst
📍 Gurgaon, India

- Interviewed thoracic oncologists in Japan and China for pharmaceutical clients, who are on phase II trials of non-small cell lung cancer drugs
- Translated three-way phone meetings between client, SmartAnalyst and Chinese thoracic oncologists
- Crowdsourced a list of thoracic oncologists through medical journals

🗄 SELECTED PROJECTS

2020 Census and Beyond: Mapping the Geography and Diversity of AAPI
current | 2020
ArcGIS Hub

Geographic Profiles, Racial Data
current | 2020
shinyApp + AWS hosting

Asian American Voter Survey (Experimental Design & Voter File Ethnicity Inference)
2020 | 2018
AAPI Data, APIAVote & AAAJC

Experiment on Inland Empire Census 2020 Outreach Messages by Census Tracts
2020
Center for Social Innovation, UC Riverside
📍 Riverside, CA
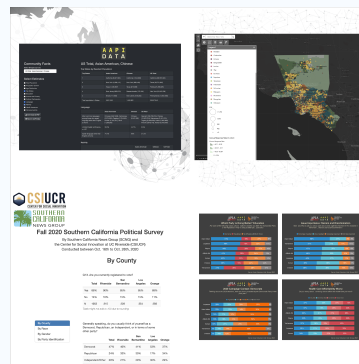
CONTACT

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LANGUAGE SKILLS

R

STATA

Python

SQL

CSS

HTML
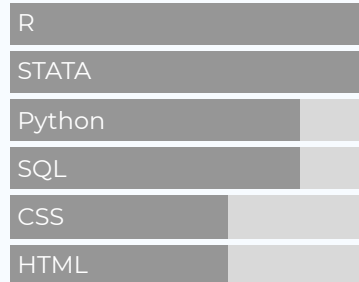
MORE INFO

See full CV at https://sunnyshao.com for more complete list of positions and publications.