SUNNY SHAO

🎓 EDUCATION

PhD. Candidate, Political Science (Mass Behavior)
University of California

current | 2016

📍 Riverside, CA

M.S., Public Policy in Economics
Pepperdine University

2015 | 2013

📍 Malibu, CA

💼 SELECTED POSITIONS

Researcher & Center Associate
Center for Social Innovation (UCR)

current | 2018

📍 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
AAPI Data

current | 2017

📍 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)
Education Pioneer

2016

📍 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
SmartAnalyst

2012

📍 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
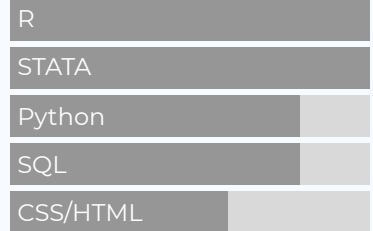
🗄 SELECTED PROJECTS

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

current | 2020

Geographic Profiles, Racial Data
shinyApp + AWS hosting

current | 2020

Asian American Voter Survey (Experimental Design & Name-match algorithms)
AAPI Data, APIAVote & AAAJC

2020 | 2018

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

2020

📍 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.