# SUNNY SHAO

## 🎓 EDUCATION
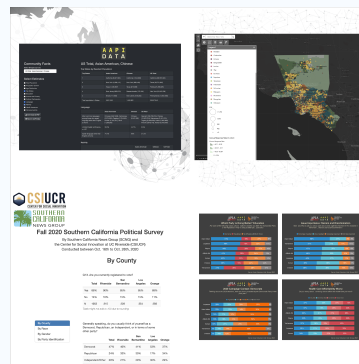
**PhD. Candidate, Political Science**
University of California
📍 Riverside, CA
current | 2016

**M.S., Public Policy**
Pepperdine University
📍 Malibu, CA
2016 | 2013

## 💼 SELECTED POSITIONS

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

- 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
📍 Riverside, CA
current | 2017

- 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
📍 Los Angeles, CA
2016

- 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
📍 Gurgaon, India
2012

- 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 throracic oncologists through medical journals
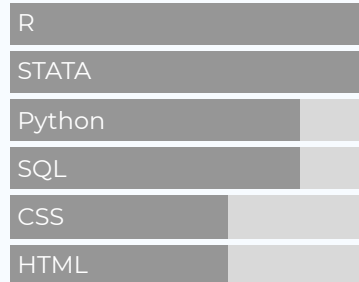
## 🗄 SELECTED PROJECTS

**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 & Voter File Ethnicity Inference)**
AAPI Data, APIAVote & AAAJC
2020 | 2018

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

## CONTACT

✉ sunny@sunnyshao.com
🐦 sunny_Y_SHAO
🐙 github.com/SunnyYShao
🔗 sunnyshao.com
in /sunnyyshao/
📞 (818) 835-7152

## 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.