Angela He

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Education

PhD Candidate in Sociology, Stanford University	**2021-present**

Specialization: Economic Sociology

B.A. in Sociology and Asian Studies, *summa cum laude*, Cornell University	**2021**

Skills

Methodology: statistical modeling, experimental design (A/B testing, conjoint, factorial), causal inference, survey research, linear & logistic regression, prototype testing, data visualization, semi-structured interviews

Programming Languages: R, Python, Javascript, SQL

Software: Qualtrics, Dedoose, Tableau

Experience

Doctoral Researcher   **Sep 2023-present**

Stanford Department of Sociology

- Manage research studies end-to-end from design to execution to data analysis and reporting
- Design and deploy studies using survey experiments (factorial, conjoint) and virtual in-depth interviews
- Refine survey questions and interface elements based on user feedback to enhance user experience
- Develop custom screeners to recruit attentive participants from target demographics
- Clean and analyze survey data in R and Python and qualitative data in Dedoose
- Research topics: perceptions of fairness in the housing market, evaluations of neighborhood safety in big data era
- Secured $100,000+ in funding from National Science Foundation and Stanford research centers

Data Science Consultant   **Feb 2023-present**

Stanford Software and Services for Data Science

- Provide consultation for clients across university (social sciences, engineering, medicine) on model selection, data wrangling and analysis, and survey methodology
- Design and deliver workshops on using R and Qualtrics in statistical analysis and survey research

User Experience Researcher   **June 2022 - Sep 2022**

Stanford Impact Labs PhD Fellowship

- Prototyped an intervention encouraging naturalization in collaboration with cross-functional stakeholders (Stanford Immigration Policy Lab, United States Citizenship and Immigration Services)
- Designed and tested intervention versions through virtual interviews and user-centered design to address behavioral barriers, resulting in an improved prototype adopted by the USCIS
- Developed reports and presentations to communicate research updates and results

Research Assistant, Department of Sociology   **Dec 2021- July 2023**

Stanford University

- Designed survey for validating algorithmic coding of authors' last names by race/ethnicity
- Cleaned data in R (N=1,000,000+) to study shifts in author demographics in top social science journals

Academic Awards

- Won national and university awards and fellowships for my social science research and writing
- National Science Foundation: Graduate Research Fellowship (2022), Summer Research Experience for Undergraduates Award (2019)
- Stanford University: American Democracy Fellowship (2023), Impact Labs PhD Fellowship (2022), Laboratory for the Study of American Values Research Funding (2022)
- Cornell University: Writing in the Majors Prize (2020), Hunter R. Rawlings III Cornell Presidential Research Scholar (2019), James E. Rice, Jr. '30 Writing Prize (2019)