

IRIS (SHENGQI) ZHONG

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Education

Stanford University

Stanford, CA

MS, Education Data Science

Expected: 04/2023

Courses (in progress): Data Mining (R), Natural Language Processing (Python, UNIX), Experiment Methodology

Smith College

Northampton, MA

BA, Psychology & Quantitative Economics (GPA: 3.99)

05/2021

Courses: Research Methods, Data Wrangling and Cleaning, ANOVA, Multiple Regression, Bayesian Analysis, Dyadic Modeling, Developmental Psychology, Psycholinguistics

Prizes: Highest Honor in Psychology, Sidney S. Cohen Prize in Economics

Education Experience

Research Assistant | Stanford University

Remote, 08/2021 - Present

- Test nineteen native Mandarin-speaking participants in a study investigating their use of English with AI partners

Blog Writer | Tiz Education

Remote, 01/2021 - Present

- Write blog posts in education technology and research, creating 20 articles and accumulating more than 4000 views

HR Archive Group Member | Education Without Barriers

Remote, 05/2020 - Present

- Manage the substitute teacher system, and check volunteer teachers' substitution status regularly
- Work with principals and supervise the teacher transfer process among schools

Research Assistant | Berkeley Early Learning Lab

Remote, 06/2020 – 08/2020

- Scheduled appointments and tested five-to-seven-year-old children on Zoom meetings by telling stories, asking questions, and communicating with parents

Data Science Experience

Research Assistant | Smith College Language Lab

Northampton, MA, 01/2019 – 05/2021

- Evaluated Romani child language assessment with Rasch analysis in R and Winsteps by inspecting outfits and Cronbach's alpha, and made suggestions for improvement with DIF analysis
- Developed a database with FileMaker for behavioral assessment of Mandarin-speaking 0-to-36-months-old infants in China, which was piloted in a kindergarten

Research Assistant | UPenn Child Language Lab

Remote, 09/2020 – 05/2021

- Designed an infant online experiment with looking time measurement with a graduate student and PI
- Programmed and conducted the experiment on Lookit, a platform that allows developmental psychologists to conduct online experiments on infants and children
- Cleaned massive frame data, conducted descriptive analysis, and made visualizations in R

Data Science Project Member | Statistics in Education Seminar

Northampton, MA, 01/2020 – 05/2020

- Collaborated in conducting path analysis to investigate the effect of Literacy Express Curriculum on preschool children's language development
- Discovered the curriculum's positive influence on children's reading comprehension ability at elementary school, and presented [results](#) at Women in Statistics and Data Science Conference

Quantitative Social Science Tutor | Smith College

Northampton, MA, 09/2018 – 12/2019

- Tutored for introductory statistics courses in Psychology, Government and Sociology for five hours a week

Skills

Technology: R, Python, SQL, SPSS, Stata, Git, Qualtrics, ArcGIS, Winsteps, FileMaker, Lookit

Research and Data Science: Experiment Design, Survey Design, Data Collection, Data Cleaning and Wrangling, Supervised and Unsupervised Learning, Visualization, Academic Research Writeup