IRIS (SHENGQI) ZHONG

✉ izhong@stanford.edu | ⚙ Github | 🔗 Linkedin Profile | 📞 +1 413-695-5783 | 📍 Stanford, CA

🔖 SKILLS

Software

• Experienced in statistical analysis, statistical learning models, and optimization methods.

• Full experience with next generation sequencing data analysis.

• Highly skilled in R, Bash, Perl, Python, LaTeX

🎓 EDUCATION

Stanford University

M.S. in Education Data Science

Stanford, CA

Expected 2023

• Natural Language Processing (Python, UNIX), Data Mining (R)

Smith College

B.A. in Psychology & Quantitative Economics

Northampton, MA

2021

• GPA: 3.99
• Highest Honor in Psychology
• Data Cleaning and Wrangling (R), Multiple Regression (R), Dyadic Model (R), Research Methodology, Developmental Psychology

🖥 EDUCATION RELATED EXPERIENCE

Research Assistant

Stanford University

Remote

2021/08 - Present

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

Blog Writer

Tiz Education

Remote

2021/01 - Present

• Write blog posts in education technology and educational research, creating over 15 articles and accumulating more than 3000 views

HR Archive Group Member

Education Without Barriers

Remote

2020/05 - Present

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

⊞ DATA SCIENCE RELATED EXPERIENCE

Statistics Project Member

Statistics in Education Seminar

Northampton, MA

2020/01 - 2020/05

• 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
• Presented the results at Women in Statistics and Data Science Conference

Research Assistant

Smith College Language Lab

Northampton, MA

2019/01 - 2021/04

• Evaluated Romani child language assessment with Rasch analysis in R and Winsteps by inspecting outfits and Cronbach's alpha, and
  make 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

Quantitative Social Science Tutor

Smith College Spinelli Center for Quantitative Learning

Northampton, MA

2018/09 - 2019/12

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