

Karen Yi

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EDUCATION

Psychobiology B.S., University of California at Los Angeles

Minor: Education • Specialization: Computing •
GPA: 3.9

EXPERIENCE

Data Scientist Assistant, American Institutes for Research (Sep. 2022 - Present)

- Maintained RShiny dashboard displaying standardized assessment and school climate data for the state of Nevada
- Developed documentation for data tool for school districts to assess equitable teacher assignment

Peer Learning Facilitator, Academic Advancement Program (Sep. 2021 - Sep. 2022)

- Prepared and facilitated psychological statistics and research methods learning sessions provided free of charge to historically underserved students
- Coordinated with course instructors, underwent professional development and continuing instructional review, and collaborated with other PLFs to provide welcoming learning environment

Research Assistant, Los Angeles Education Research Institute (Jun. - Sep. 2021)

- Worked with education research team at UCLA to analyze how COVID impacted LAUSD students. Used Stata to clean data and generate statistics showing how responses to an annual staff and student survey changed from 2019 to 2020.

Legislative Affairs Intern, California Department of Education (Apr. - Jun. 2021)

- Created meeting and policy briefings in order to inform State Superintendent of Public Instruction about relevant California education policy, organizations, and legislators
- Synthesized recent state educational news into a newsletter presented to state legislators' offices
- Worked with Government Affairs Division team to create new task organization system for interns

Research Assistant, UCLA Teaching and Learning Lab (Oct. 2020 - Present)

- Worked with advisor to design and implement a virtual experiment focused on improving outcomes for underrepresented students in computer science
- Evaluated study results using qualitative and quantitative methods in R
- Participated in weekly lab meetings, providing feedback on research methods of researchers from across U.S.

UI/UX Designer, UCLA Depression Grand Challenge (Nov. 2019 - Oct. 2020)

- Collaborated with marketing/web design team at UCLA STAND to create mental health screening and tracking service available to undergraduate students
- Designed graphics used internally and externally to visualize complex data storage structures and research designs using Drupal and Figma

SKILLS

Software (in order of proficiency): R, Figma, Microsoft/Google, HTML/CSS, Airtable, Bash, Git, Photoshop/Illustrator, Qualtrics, Python, C++, Stata, MATLAB
Languages: basic Mandarin

ACHIEVEMENTS

Carolyn D. Smith Education Award, Spring 2020
Presidential Public Service Fellow, Spring 2020
UCLA Undergraduate Research Fellow, 2020
Dean's Honors List, 2018-2022

VOLUNTEER EXPERIENCE

Graphic Designer, ACM Teach LA Playnet Learning Lab (Winter 2021)

- Created over 50 graphics for introductory computer science activity geared towards elementary-school students
- Consulted with developers to incorporate features related to accessibility and educational psychology

Tutor, Pritzker Center Bruin Tutor Network (Fall 2020 - Present)

- Tutored foster youth in math and English in twice-weekly sessions. Prepared worksheets and communicated with social worker team, teachers, and successive foster parents.