Karen Yi

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EDUCATION
Psychobiology B.S., University of California at Los Angeles
Minor: Education • Specialization: Computing • GPA: 3.9
Relevant Coursework: Educational Neuroscience, Education Policy, Comparative Policy, Race & Class in Education, Psychological Statistics, Psychological Research Methods, Advanced Psychological Statistics, Programming I-II

WORK EXPERIENCE
Peer Learning Facilitator, Academic Advancement Program (Sep. 2021 - Present)
- Prepared and facilitated psychological statistics and research methods learning sessions provided free of charge to historically underserved students
- Coordinated with course instructors, underwent 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 education policy, organizations, and legislators
- Worked with Government Affairs Division team to synthesize recent state educational news into a newsletter presented to state legislators' offices

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
- Self-studied R for three months in order to analyze impact of innovative online interactive statistics textbook, implementing survival analysis and linear models
- 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

VOLUNTEER EXPERIENCE
Co-President, E3 (Economy, Ecology, Equity) Club (Fall 2021 - Present)
- Mentored student leaders in environmentalism, attended meetings with Student Sustainability Leadership Council, organized general meetings, managed website and emails.

Graphic Designer, ACM Teach LA Playnet Learning Lab (Winter 2021)
- Created introductory computer science activity designed to de-mystify computers for 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 to better support youth.

TECHNICAL SKILLS
- R
- C++
- Bash
- Git
- Stata
- MATLAB
- HTML/CSS
- Adobe PS/AI
- Figma
- Microsoft Office
- Google Suite
- Qualtrics

LANGUAGES
Basic Mandarin

ACHIEVEMENTS
- Carolyn D. Smith Education Award
- Presidential Public Service Fellow
- Undergraduate Research Fellow
- Dean's Honors List

RESEARCH METHODS
- Qualitative coding
- Quantitative analysis
- Usability testing
- Survey development