

Yiduo Yao

949-668-3945 • yiduoy1@uci.edu

Education

B.S. Informatics, B.A. Sociology <i>University of California, Irvine</i> • GPA 3.8 / 4	Sep 2022 - Jun 2026
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Work Experience

Beckman Cancer Laser Institute • Irvine, CA <i>Clinical Research Assistant</i>	Aug 2024 - Present
• Analyzed and visualized patient data using SQL, R, and Tableau	
• Collected and organized patient progress, case report forms(CRFs), and treatment outcomes for 20+ participants, tracking medication adherence patterns among chronic condition patients.	
• Managed tracking logs and project schedules for concurrent clinical trials, ensuring timely coordination.	
• Developed imaging analysis protocols in Java, enhancing medical imaging efficiency by 30%, providing clinicians with precise measurements.	
The Networks, Computation, and Social Dynamics (NCASD) Lab • Irvine, CA <i>Undergraduate Program Research Assistant</i>	Mar 2024 - Jul 2024
• Developed 1,500+ records using SQL and Python to analyze COVID-19 behavior, informing health policy and predicting public sentiment trends.	
• Conducted literature reviews on pandemic responses and cultural impacts on health behaviors.	
• Enhanced language models to predict behavioral changes, identifying public sentiment trends on mask-wearing for accurate health forecasts.	
• Collaborated with cross-functional teams to implement AI-driven solutions for tracking COVID-related behaviors.	
Cooper Lab- California Orange County Park • Irvine, CA <i>Archive Intern</i>	Mar 2024 - Jun 2024
• Managed collection maintenance, organization, labeling, and documentation of archival records	
• Conducted 3D laser scanning of artifacts using the NextEngine and ScanStudio software to create precise models	
• Presented research findings with data visualizations in R and Excel, highlighting key historical patterns and future excavation hotspots	
• Collaborated with computer engineers to establish a comprehensive historical database using an in-house technology platform, enabling advanced data analysis capabilities and supporting the organization's digital preservation initiatives	
China Impact Investing Network (CIIIN) • Beijing, China <i>Program Management Intern</i>	Jul 2023 - Sep 2023
• Actively engaged in daily SCRUM meetings as an integral member of the project management team	
• Spreadheaded weekly meetings with the finance team, driving collaboration project updates and strategic discussions to steer the project's direction	
• Complied multidisciplinary presentations and created data packagees, timeline, and project status to effectively brief clients on project progression	
• Designed workflows and processes to align with the company's departmental reorganization and enhance overall efficient	

Skills

Language Proficiency: Chinese (native), English (native or bilingual proficiency) • **Programming Languages:** Python, SQL, R, JAVA, SPSS, Tableau, HTML • **Developer Tools:** Git/GitHub, LATEX, EXCEL, JupyterLab, Google Cloud Platform • **Libraries:** pandas, NumPy, Matplotlib