

# Yiduo Yao

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## Education

B.S. Informatics, B.A. Sociology  
*University of California, Irvine*  
• GPA 3.8 / 4

Sep 2022 - Jun 2026

## Work Experience

**Beckman Cancer Laser Institute** • Irvine, CA  
*Clinical Research Assistant*

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  
*Undergraduate Program Research Assistant*

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  
*Archive Intern*

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 (CIIN)** • Beijing, China  
*Program Management Intern*

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 efficienct

## 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