




Yuanhui “Kana” Huang

HCI + Health Informatics Researcher

 kanahuang.github.io

 kanahuang126@gmail.com

 (708) 533-4938

Experience

Doctoral Researcher at UCI

July 2023 - Present | Irvine, CA

FQHC Provider Study

- Co-design health tracker for uncontrolled chronic conditions patients with 10+ primary care providers using digital whiteboarding tool (Miro)
- Build research plans and materials, coordinate the initial of the study, and conduct qualitative analysis on research data

Graduate Research Fellow at Northwestern University

Mar 2022 - Sept 2023 | Evanston, IL

Self-Reflection in Mental Health

- Conducted a scoping review on self-reflection in mental health
- Identified gaps within current HCI research in promoting self-reflection and created a framework to help future HCI researcher to articulate their works

Critical Reflection User Study

- Designed an interactive prototype to help users self-reflect critically on their daily mood and compassion for others.
- Conducted a one-week user study and semi-structured interview among university students to identify the design insight, opportunities and feasibility
- Wrote and submitted IRB protocols and supplementary materials
- Conducted quantitative and qualitative analysis on collected data

Pregnancy Depression Study

- Conducted quantitative analysis on EMA and physiological data collecting from 100 pregnant women over 12 weeks
- Visualized the impact of mental health intervention during pregnancy depression

Software Engineer Intern at Yihua Computer Co., Ltd.

June 2019 - July 2019 | Shenzhen, China

- Designed and developed inventory management system to help manage online merchandise information
- Worked and communicated across teams to ensure seamless project integration
- Programed the front-end and back-end systems with JavaScript, HTML, Java, and MySQL using the Spring MVC framework

Education

University of California, Irvine

2023 - Present | Irvine, CA

Ph.D. in Informatics

Northwestern University

2021 - 2022 | Evanston, IL

M.S. in Computer Science

GPA 3.89/4.0

Purdue University

2018 - 2021 | West Lafayette, IN

B.S. in Computer & Information

Technology with Highest Distinction

GPA 4.0/4.0

Skills

Tools

Figma
Miro
Procreate
Fusion 360
Unreal Engine
Adobe Photoshop
Adobe Premiere

Methodology

UI/UX Design
Co-Design
Interaction design
Prototyping
User Research
Agile Development

Programming Language

Python, Java, SQL, MATLAB,
Javascript, HTML, R