Meng-Chien "Fiona" Lee

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EDUCATION

University of Chicago 09/2021 – 06/2023
M.A. in Computational Social Science
- **Relevant Coursework:** Topics in Human Computer Interaction: Combating Misleading Online Content

University of Wisconsin - Madison 09/2017 – 12/2020
B.S. in Computer Science and Psychology GPA: 3.88/4.0
- **Honors:** Dean's List and Graduated with Distinction
- **Relevant Coursework:** Research Methods, Cognitive Psychology, Building User Interface

SKILLS

Development and Analytics: Java, Python, JavaScript, React, MySQL, R, Excel, SPSS
Research: Qualtrics, survey design, qualitative interview and analysis, user interface prototyping and usability testing
Languages: English, Mandarin (Proficient)

RESEARCH & PROJECT EXPERIENCE

Student Research Assistant **Chicago, IL**
TMW Center for Early Learning + Public Health 10/2021 – Present
- Work on mobile application for a wearable technology that measures conversations between parents and children to assist early childhood language ability development.
- Add features according to user stories that allow users to effectively monitor conversation data and check device status.

Fitness Tracking App – *React Native, JavaScript* **Madison, WI**
Mobile App 11/2020
- Drafted paper and interactive prototypes of a fitness tracking mobile app that tracked user's daily exercise and meals.
- Implemented functions and interface designs, integrated React Native accessibility features to support screen reader use.
- Demonstrated usability tests by performing tasks on app implementation and integrated accessibility features.

Lead Undergraduate Research Assistant **Madison, WI**
"The impact of racial discrimination and racial-ethnic identity on mental health outcomes among Asian Americans: A mixed-method study" 08/2020 – 08/2021
- Researched Asian Americans' racial ethnic identity and discriminative experiences during the COVID-19 pandemic.
- Conducted semi-constructed interviews with more than 20 participants to collect identity and discrimination experience.
- Revised codebook, coded interview transcripts, and analyzed participants' identity developmental patterns.

Undergraduate Senior Thesis **Madison, WI**
"Understanding the Space of Cognitive Psychology Tasks" 03/2020 – Present
- Conducted research on perceived similarity in cognitive psychology tasks utilizing a survey and a sorting experiment.
- Surveyed commonly used cognitive tasks using Qualtrics and created the sorting experiment to collect perceived similarity among these tasks; quantified and clustered data using KMeans algorithm.

Mental Health Research Project **Madison, WI**
"Mental Health Stigma and Resources on College Campus" 03/2018 – 05/2018
- Designed questionnaire referring prior literatures to collect college students' knowledge and opinions on mental health.
- Cleaned quantitative survey data using Excel, analyzed the variables correlations and created visualizations using R.

VOLUNTEER EXPERIENCE

Beyond Taiwan **Remote**
College Application Mentor 09/2020 – Present
- Mentor 3 public high school students in Taiwan to apply to U.S. colleges and universities.
- Guide mentees through searching college information, making application plans, and preparing application materials.

UW-Madison Taiwanese Undergraduate Student Organization **Madison, WI**
Event Coordinator 09/2018 – 05/2019
- Coordinated and prepared cultural festivals, social events and workshops that involved 30 to 40 attendants.
- Collaborated with other cultural organizations and held traditional festival events to promote Taiwanese culture.