Yi-Chen (Becky) Chen

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EDUCATION

University of Texas at Austin, Austin, Texas   **05/2020**
Master of Science in Information Science
Focus: User Experience Design (UX Design)

National Chung Cheng University, Chiayi, Taiwan   **06/2017**
Bachelor of Science in Psychology

EXPERIENCE

Center for Research in Cognitive Science, Chiayi, Taiwan   **07/2017 - 04/2018**
Research Assistant
- Led and implemented research project about investigating brain mechanisms between older and younger people in face processing and memory via functional Magnetic Resonance Imaging (fMRI) method.
- Collaborated on a multidisciplinary research project with Behavioral Informatics & Interaction Computation Lab to identify possible brain areas related to different face processing tasks.
- Researched issues about brain mechanisms underlying dynamic changing of the upright and inverted faces.
- Presented lecture on a functional Magnetic Resonance Imaging(fMRI) Mini-Workshop to promote cognitive science.

Visual Cognition Laboratory, Chiayi, Taiwan   **05/2016 - 06/2017**
Part-Time Project Assistant
- Initiated a proposal related to generalization of positive and negative expression on facial recognition; composed proposals, and designed experiments. Created programs, analyzed data and produced case report.
- Directed key tasks of project using functional Magnetic Resonance Imaging (fMRI) to investigate brain mechanisms of acquired familiarity on face recognition.
- Analyzed imaging data by preprocessing Echo Planar Imaging (EPI), realigned brain structure and utilized General Linear Model to define critical brain areas.

PROJECTS

Texas Department of Transportation, Austin, Texas   **09/2018 - 12/2018**
- Led interview and survey to understand user's behaviors.
- Analyzed quantitative and qualitative data to synthesize solutions.
- Generated actionable recommendation to help TxDOT build an online newsroom.

Mobile Application Development, Austin, Texas   **09/2018 - 12/2018**
- Conducted early research to clarify research question.
- Developed prototype as an educational and self-controlled application.
- Performed competitive analysis to inform possible feature.

Knowbility, Austin, Texas   **11/2018 - Present**
- Conducted heuristic evaluation for redesigning landing page.
- Designed new seal for social media to promote the brand.

SKILLS

Languages: Fluent in Mandarin and English; Intermediate in German

Software & Programming: Adobe XD CC, Sketch, InVision, R, SPSS, MATLAB, E-prime, HTML, CSS

Research: Survey, Interview, Card Sorting, Competitive Analysis, Prototyping, Quantitative Data Analysis, Usability Testing, Wireframing, Personas, User Journey Maps, Data Visualization