

Sheng-Yuan Liang

User Experience Design | Research

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EDUCATION

University of Michigan, School of Information, Ann Arbor, MI Apr. 2017
Master of Science in Information, Specialization in Human-Computer Interaction

National Taiwan University, Department of Psychology, Taiwan Jun. 2011
Bachelor of Science in Psychology, graduated with the Dean's Award
Academic Award: Full scholarship by Taiwan government to study overseas

PROJECT EXPERIENCE

Sauna - User Experience Design Research Project Jan. 2016 - present

- Designed an interactive system for comfort-aware thermostat.
- Created 16 sketches for three design dimensions.

Fansrave - Design Clinic User Experience Research Project Jan. 2016 - present

- Conducted 3 interviews to understand users' attitudes toward the restaurant loyalty programs.
- Analyzed different comparative programs and created a summary report to the client.

Assistive Technology for Alzheimer's Disease - 2015 CHI Competition Oct. 2015 - Jan. 2016

- Designed an interactive system to help Alzheimer's patients increase social interaction.
- Conducted 2 in-depth interviews with Alzheimer's patients and their caregivers, and 3 preliminary tests of the designed prototype.
- Integrated literature review and the design process into a final paper.

Cargo - Individual Project Sept. - Dec. 2015

- Designed a digital prototype of a mobile app that aimed to make transportation in grocery shopping more convenient for students who do not have a car.
- Conducted interviews, QOC method, and prototype testing in the project.

Memory Bank "Remember What You Forgot" Feb. - Jun. 2011

- Designed a prototype that included a set of services that helped senior people organize information and use multimedia to refresh their memory.
- Conducted 2 in-depth interviews with senior people and 10 interviews for market research.

WORK EXPERIENCES

EPA Lab, National Taiwan University, Taipei, Taiwan May - Aug. 2015
Part-time Research Assistant

- Designed and programed experiments measuring unconscious information processing, recruited 30 participants, and provided One-on-one supervision on undergraduate interns.
- Integrated the result into poster abstract and was accepted by the National Taiwan University and Kyoto University International symposium for cognitive and neural science.

Taipei Veterans General Hospital, Taipei, Taiwan Jul. 2012 - Jun. 2014
Research Assistant

- Conducted a study to investigate the quality of life and neurocognitive outcome of patients treated with pediatric brain tumor.
- Integrated and presented the results to help physicians gain better understanding of the long-term prognosis of their patients.

UX METHODS

- Personas and Scenarios
- Storyboard
- Persuasive Design
- Fast Dating
- Wireframe
- Sketching
- Prototyping
- QOC Method
- Usability Testing
- Comparative Analysis

COMPUTER SKILLS

- Axure
- Sketch
- Marvel
- HTML/CSS
- Javascript
- Python
- SPSS
- Eprime
- Matlab
- Illustrator
- Photoshop

ACTIVITY

- Design Clinic
- NY Innovation Trek
- Computer Human Interaction (CHI) Student Design Competition

RELEVANT

COURSEWORK

- Complex Website Design
- Interaction Design
- Psychology in Human Factor and Design
- Contextual Inquiry
- Usability and Need Assessment
- Data Manipulation
- Graphic Design