YI-SHIN SHEU

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Summary of Qualifications

- Accomplished UX Research Scientist with 14+ years of experience in managing teams of professionals on human research projects, resulting in 15 scientific publications and over 5 million dollars in total grant funds.
- Deep understanding of how to scope business needs into research problems, design appropriate plans, and identify valid and reliable methodologies to answer research questions.
- Effective communicator with an ability to present data in a digestible and compelling manner to a diverse audience of different backgrounds, as demonstrated by publication of 2 book chapters, well-received 15+ conference presentations and talks, and positive student feedback on classroom teaching and mentorship of students' individual scientific projects.

Education

Ph.D. in Psychological and Brain Sciences, Johns Hopkins University. Baltimore, MD.   2015
B.S. in Psychology, National Taiwan University. Taipei, Taiwan.   2006

Experience

Postdoctoral Researcher   Oct 2015 - present

Cognitive Neuroscience, Neurology Dept, Johns Hopkins School of Medicine. Baltimore, MD.

- Developed and executed over 20 human research projects, directly involved in all aspects of the research lifecycle (formulating questions, study design, recruitment, analysis, and reporting).
- Worked closely with the product design team on the development of several research devices by providing parameters, human factor insights, and testing feedback.
- Programmed task interface and performed data processing, analyzing, and visualizing in MATLAB, Python, and SPSS.

Graduate Researcher.   Sep 2009 - Sep 2015

Psychological and Brain Sciences, Johns Hopkins University. Baltimore, MD.

- Worked on research investigating mechanisms of working memory and cognitive control.
- Mentored and managed teams of 3-5 junior researchers on various research projects.
- Implemented the best approach from a mix of qualitative and quantitative methodologies to study human cognition and behavior.

Research Specialist.   Jun 2006 - Apr 2009

Developmental and Biopsychiatry Research Program, McLean Hospital. Belmont, MA.

- Managed an imaging database of 250+ human participants and wrote BASH and MATLAB scripts to streamline data processing and analysis, resulting in enhanced laboratory productivity.
- Regularly presented project status, findings, and insights to stakeholders.