M. ALICE MERRICK

USER EXPERIENCE RESEARCH + DESIGN
alicemerrick.com • m.a.merrick@gmail.com • 818.620.2516

EDUCATION

University of Washington 2017
Masters of Human-Computer Interaction and Design (MHCI+D)

University of California, Los Angeles 2012
Cognitive Science, B.S.
Minors in Mathematics and Linguistics
Specialization in Computing

EXPERIENCE

Department of Psychology, University of California, Los Angeles

Research Assistant 2012 – 2015
(Principal Investigator: Derek Powell, Ph.D candidate)

Updated previous experiments testing according to participant behaviors. Ran subjects and collected data on experiments investigating analogous competition for strength judgments of multiple generative causes and preventive causes.

Research Assistant 2010 – 2012
(Principal Investigators: Dr. Keith Holyoak and Dr. Hongjing Lu)

Assisted in designing an experiment evaluating heuristics used by humans to make causal inferences. Programmed screen-based experiment using psychtoolbox in Matlab. Collected participant data on task difficulty and clarity of instructions. Ran subjects and trained a second researcher to assist in running subjects. Analyzed and compared human data with model predictions.

UCLAradio, University of California, Los Angeles

Radio DJ 2009 – 2010
Hosted radio show and co-hosted two others. Trained new interns in answering phones on and off air, operating sound software and equipment, using station's social media applications, and in general station protocol.

Website Manager 2010
Maintained and updated radio station's website using WordPress platform by adding new users, creating necessary pages, introducing user profiles, and organizing blog posts.

SKILLS

Qualitative Research
Semi-structured Interview
Contextual Inquiry
Observation
Focus Group
Competitive Assessment
Design Evaluation

Quantitative Research
Surveys
Computational Modeling
Data Analysis
Experiment Design

Design
Collaborative Ideation
Wireframing
Flow Diagramming
Information Visualization
Rapid Prototyping
Spec Work
Visual Design

PROGRAMMING & CODING

Beginning or moderate experience:

C++, Java, and Matlab, OCaml and LISP, HTML 5, CSS 3, JavaScript, and PHP, LaTeX and XML-based languages

TOOLS

Tableau, D3, InDesign, Illustrator, Photoshop, Sketch, Invision, Balsamiq, Marvel/Pop, Axure, Bootstrap 4

PUBLICATIONS

Powell, D., Merrick, M.A., Lu, H., & Holyoak, K.J. (2014). Generic Priors Yield Competition Between Independently-Occurring Preventive Causes. In B. Bello, M. Guarini, M. McShane, & B. Scassellati (Eds.), Proceedings of the 36th Annual Conference of the Cognitive Science Society (pp. 2793–2798). Austin, TX: Cognitive Science Society.

Powell, D., Merrick, M.A., Lu, H., & Holyoak, K.J. (2013). Generic Priors Yield Competition Between Independently-Occurring Causes. In M. Knauf, M. Pauven, N. Sebanz, & I. Wachsmuth (Eds.), Proceedings of the 35th Annual Conference of the Cognitive Science Society (pp. 1157–1162). Austin, TX: Cognitive Science Society.