Thai Le

CONTACT

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EDUCATION

University of Washington, Seattle, WA (Dec 2014)
PhD Student, Biomedical Health Informatics
Johns Hopkins University, Baltimore, MD (2009)
BS, Biomedical Engineering, Mathematics

Relevant Coursework

Usability Research
Survey Research Methods
Web Programming
Analysis of Categorical Data
Data Structure and Algorithms
Statistical Analysis of Networks

Honors

Student Editorial Board for *Journal of the American Medical Informatics Association*
National Library of Medicine Fellowship Award Recipient
National Merit Scholarship Award, Johns Hopkins University

SKILLS

Technical:	Statistical Analysis (R, STATA) Web Development (HTML, CSS, JavaScript, PHP) Programming (Java, Python, Matlab) Database Management (SQL, Access) Data Visualization (Tableau, Prefuse, D3) Remote Testing (Qualtrics)
User Research:	Focus Groups Card Sorts and Tree Testing Think-Aloud Studies Heuristic Evaluations Survey/Questionnaire Development Tobii Eye Tracking Morae Studio Prototyping

OBJECTIVE

I am looking for an engaging research position that integrates both quantitative and qualitative methodologies towards creating an enjoyable, fluid, and intuitive user experience. I have a strong research background with over 5 years of experience as a research scientist. This is also complemented with 2 years of applied experience as a user researcher.

WORK EXPERIENCE

Amazon Web Services, Inc. (User Researcher)
Jun 2014 – Current
Lead user researcher on the Amazon Web Services (AWS) Marketing Design Team. As the first user researcher on the team, I established best practice principles for conducting user research, integrating it within the workflow of the team. Over the 6-month period I conducted 8 separate studies influencing the design and interactions on the AWS marketing site.

University of Washington (Research Scientist)
Sep 2010 – Dec 2014
Led multiple independent research projects as part of the HEALTH-E team centered on applications of health information technology to support older adult wellness. I designed and evaluated health visualizations for older adults, conducted usability testing on the navigation of health interfaces, and designed, deployed, and analyzed a statewide survey of older adult health information seeking behavior.

Amazon.com Inc. (User Research Intern)
Mar 2013 – Aug 2013
Conducted usability studies to assess designs for the Universal Shopping Experience team working across different stakeholder groups (customers, designers, project managers). I led user testing for the rollout of a new book club sign-up program through Amazon Publishing. In addition, I identified limitations to currently available web based tree testing tools and developed an alternative tree testing tool. This was deployed in a survey of 600 customers to evaluate navigational taxonomy. The tree testing tool has become an in-house resource for user researchers at Amazon.

Arcadia Healthcare Solutions (Research Intern)
Jun 2012 – Aug 2012
Designed a research project analyzing impact of electronic medical record adoption among physicians in a $400 million revenue rural health system. Conducted and qualitatively analyzed 52 hours of interviews with health care providers. Complemented with quantitative analysis (Poisson regression and Cox proportional hazards modeling) of Meaningful Use adoption trends.

SELECT PUBLICATIONS

1. **Le T**, Reeder B, Chung J, Thompson H, Demiris G. Design of Smart Home Sensor Visualizations for Older Adults. *Technology and Health Care* (In Press).
2. **Le T**, Chaudhuri S, Chung J, Thompson H, Demiris G. Tree Testing of Hierarchical Menu Structures for Health Applications. *Journal of Biomedical Informatics*. 2014;49:198-205.
3. **Le T**, Reeder B, Thompson H, Demiris G. Health Providers' Perceptions of Novel Approaches to Visualizing Integrated Health Information. *Methods of Information in Medicine*. 2013; 52(3):250-8.