YANLING XU

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EDUCATION

Bentley University
• M.S. in Human Factors in Information Design   09/2017 - 12/2018

University of Michigan, Ann Arbor
• B.S. in Mathematics and Economics   09/2012 - 05/2015

EXPERIENCES

UX Design Intern   Chicago, IL
--Motorola Solutions, Inc.   06/2018 - 09/2018
• Conducted thorough stakeholder and market research on the safety and security landscape in K-12 and University education contexts
• Designed and prototyped Intelligent Safety System solution by applying user-centered methods and leveraging MSI products and services

Voice & Web Platform Designer & Developer   Waltham, MA
--Bentley University   11/2017 - 05/2018
• Worked on an NSF sponsored project to provide technology solutions with health-related information for the Aging-at-home
• Produced quality designs, defined interactions between the platform and users, communicated features with the research team
• Developed a web application that stored health related voice-to-text information for elderly users and care givers, and realized functions that allow users to input, retrieve, edit and manage their entries
• Conducted user interviews and usability studies with elderly users to gain feedback for ongoing refinement and research insight

User Researcher   Boston, MA
--Brightcove   10/2017 - 12/2017
• Performed guerilla testing with 12 participants on Brightcove's mobile video application kit on Android devices
• Conducted comprehensive competitive analysis on mobile interfaces and functions between Brightcove and its leading competitor
• Generated usability study report with behavioral observations and actionable recommendations

Research Technician Associate   Ann Arbor, MI
--Institute for Social Research   05/2015 - 07/2017
• Programmed, tested, and implemented SAS codes to define sample from large-scale raw survey data
• Designed and constructed relational databases and user interfaces as the sample data management tool for analysts to work with
• Composed and tested mathematical models that express complex financial provisions
• Built public and restricted data products for use by registered users, conducted statistical analysis and utilized data structures

Please visit my portfolio at: yanlingxu.com

SKILLS

Design
• Interaction Design
• Rapid Prototyping
• Information Architecture
• Affinity Diagram
• Usability Test
• Heuristic Evaluation

Programming
• HTML & CSS
• Javascript
• Python
• R
• SQL
• Java
• SAS

Research
• Interview & Survey
• A/B Testing
• Contexual Inquiry
• Card Sorting
• Statistical Modeling
• Database Construction

Tools
• Sketch 3
• Adobe Creative Suites
• InVision
• Axure
• Balsamiq Mockup

PROJECTS

TripAdvisor Mobile Travel Experience
• Redesigned TripAdvisor's travel mobile app with artificial intelligence solutions to provide users with intelligent travel support and improve group travel experience
• Utilized TripAdvisor's rich data, conducted ethnographic research, created personas, prototypes of different fidelities by iterations

USAP Website Study
• Conducted in-person and remote usability tests to evaluate United States Antarctic Program website experience
• Conducted heuristic evalutation of the site information architecture to provide redesign recommendations and wireframes

Sun Smart
• Designed UX and UI concepts for a wearable product and its associated app that promotes better sun protection habits by researching, conducting interviews and usability tests to support user needs
• Created wireframes, paper prototypes, and hi-fi prototypes by design iterations