

IRENE YE YUAN

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EDUCATION

University of Minnesota

Ph.D. in Computer Science
Aug. 2017 – Present

University of Washington

Master in HCI+D
Sept. 2014 – Aug. 2015

St. Olaf College

B.A. Computer Science and Math
Aug. 2010 – May 2014

SKILLS

User Research

A/B Testing
Card Sorting
Competitor Analysis
Contextual Inquiry
Field Research
Focus Group
Heuristic Evaluation
Interview
Journey Mapping
Participatory Design
Persona
Survey
Usability Testing

Design

Prototyping
(Low-High Fidelity)
Scenario
Storyboarding
Wireframing

TOOLS

Data Analysis

Excel
R
SPSS
Tableau

Design & Prototyping

Adobe Creative Suite
Arduino
Axure
C/C++
HTML5&CSS3
JavaScript
Python
Processing / p5.js
Sketch

PROFESSIONAL EXPERIENCES

Graduate Researcher

GroupLens Lab, University of Minnesota
Aug. 2017 – Present | Minneapolis, MN

Lead contextual inquiry, interviews, questionnaires, and qualitative analysis to understand technological opportunities for intergenerational connectedness
Collaborate with fellow researchers on various HCI projects utilizing a variety of methods, including participatory design, experiment design, quantitative analysis, etc.

User Experience Specialist III

LexisNexis
Nov. 2016 – Jul. 2017 | Shanghai, China

Lead designer for cross-platform products from user research, ideation, design, testing to release
Collaborated with developers and program managers from different locations throughout the product cycle

UX Designer and Researcher

Ubicomp Lab, University of Washington
June 2016 – Aug. 2016 | Seattle, WA

Conducted usability testing on a mobile spirometry test app and improved its user experience based on the testing results
Improved the design work flow by introducing new prototyping tools to the team given different project needs

Interaction Designer

IA Collaborative
Sept. 2015 – June 2016 | Chicago, IL

Collaborated with design researchers and visual designers to create omni-channel solutions and designed user experiences based on user needs and business requirements

Helped interaction design team utilize new tools by creating tutorials and teaching the team development knowledge

Freelance UX Designer & Frontend Developer

Dec. 2014 – Present

Collaborate with visual designer to redesign clients' websites experiences, with a focus on information architecture and UX design
Implement the website re-design, complete the websites setup and maintain the websites

Undergraduate Researcher

MSCS Department, St. Olaf College
May 2013 - May 2014 | Northfield, MN

Improved the usability of Django-based web apps for professors and students on campus by conducting user interviews, heuristic evaluation and implementing users' feedback