Yin Yin

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Education

M.S - Science of Information
May 2020

University of Michigan, School of Information
Concentration in Human-Computer Interaction

B.S - Computer Science
Jun 2017

Dalian University of Technology, Dalian, China

Experience

Research Assistant (Web Development)
Feb 2019 - Present

School of Information, Science of Information

- Working with Prof. Romero to develop a open-source software platform for large-scale deliberation with Ruby on Rails and AngularJS.
- Understanding the structure of Loomio project and add plugins to support better group decision.

Product Design Assistant
Nov 2016 - Apr 2017

Autohome Inc. Beijing, China

- Worked with the brand ad team to explore new ad positions on autohome.com based on ad income and quarterly income.
- Balanced the requirement of ad income with user experience, designed the display logic of the position and gave the design proposals to UI designers.
- Assisted the team on new ad position testing and old ad positions updating.

Skills

- Hands-on experience of web application development with HTML, CSS and Javascript.
- Proficient in jQuery and JS-based animation libarary (Anime.js and P5.js).
- Hands-on experience of Python data manipulation library (Numpy and Pandas), and data visualization library (Matplotlib and Seaborn).
- Experience with Bootstrap and AngularJS.
- MVC framework experience with Ruby on Rails and Django.
- Solid knowledge of OOP with Python, C++ and Javascript.
- General database knowledge and SQL skills.
- Basic knowledge of D3.js.
- Basic knowledge of Sass, CoffeeScript and Haml.
- Basic knowledge of Node.js.

Projects

Improve the user experience of iOS App | CNBC
Jan 2019 - Present

- Conducting interviews and usability test to understand potential users' behavior in watching Live TV and tracking stocks.
- Doing competitive analysis on stock-tracking Apps and popular video-watching Apps.
- Giving suggestions on how to improve the current iOS App based on the research result.

Design an online assessment tool for caregivers | Catholic Social Services
Jan 2019 - Present

- Doing interviews with caregivers on how they access the resources in helping older adults.
- Transferring potential users' story to functional requirements.
- Prototyping the assessment tool based on interview results and competitive analysis.

Centralize the referral data of Mary A. Rackham Institute
Sep 2018 - Dec 2018

- Conducted interviews with employees involved in the referral working process.
- Analyzed qualitative data by doing affinity wall.
- Found the gap between working process and tools they used, and proposed practical solutions considering the limitations and opportunities.

Simple Pendulum Controlled by SCM | National Electronic Design Competition
Jul 2015 - Sep 2015

- Built up the control system with K60 SCM and MPU 6050.
- Hardware coding to control the motion of the simple pendlum to meet the compulsory requirements of the contest.
- Won the first prize after three rounds of evaluations.

Courses

Computer Networks	Contextual Inquiry
Object Oriented Programming (C++)	Interaction Design
Database Design(Django)	Foundamental of Human Behavior
Data Structure and Algorithms	Needs Accessment and Usability evaluation

Tools

Git	Sketch
Unix Command	Invision
Sublime Text	Adobe Suite (Ps, Ai, Id)
Visual Studio	Axure