

Puhe Liang

Email: puhe@umich.edu

Tel: 630 861 8888

Portfolio: <http://liangpuhe.com>

Working Experience

Research Assistant | Information Interaction Lab 2017.11 - present

- Built a multi-display AR driving simulator via AFrame.JS, explored AR experience in five major driving scenarios

Developer | SAP Headquarter & Shanghai Labs 2014.7 - 2017.8

- Implemented warehouse management(EWM) web application via Fiori framework; Worked with product owner, designed workflow, conducted user test with warehouse workers on iPad
- Designed and visualized warehouse task data from HANA cloud database, improved supervising efficiency of warehouse process; interviewed and discovered needs in warehouse workspace
- Developed handheld device RF (Radio Frequency) for warehouse task operation via ABAP; prototyped on Raspberry Pi
- Worked as scrum master in 2016 IoT Challenge, won the global second prize, facilitated team communication with external stakeholders

HCI Engineer | CDI Design Lab 2014.1 - 2014.5

- Collaborated with designers and hardware engineers, researched, designed, developed web application for enlightenment toys
- Conducted needs assessment of four user roles, developed a Java-based reservation system for media laboratory and smart devices

UX Projects

UX Consultant: Gifts of Art, Michigan Medicine 2017. 9 - 12

- Understood and scoped the art archiving needs of the manager, regular workers, and volunteers
- Interpreted interview notes, created user flows and affinity wall, introduced a digital design solution for inventory management, fulfilled user interaction needs

Interaction Designer: Co-Express Dispatcher 2017. 9 - 12

- Prototyped an express dispatcher tool, tackling the problem in apartment express searching, by tenant collaboration
- Framed design problem, conducted competitive analysis, created storyboard and personas, interviewed seven users

UX Designer: 2018 CHI Design Competition 2017. 9-2018. 1

- Explored interactive experience to engage remote family members via family dish recreation activity
- Conducted user research on food preparing activities, intra-family online communication, and technology familiarity; Defined the problem, designed computer supported collaborative experience

Education

M.S. in School of Information
University of Michigan | *Ann Arbor*
2019.4

B.E in Software Engineering
Tongji University | *Shanghai*
2015.6

Exchange in Software Engineer
Uppsala University | *Sweden*
2014. 1 - 2014. 6

Skill

UX

Affinity Analysis
Contextual Inquiry
Competitive Analysis
Graphic Design
Personas
Prototyping
Storyboarding
Usability Test
Wireframe

Programming

Javascript
HTML5 CSS3
Python C++

Tools

Sketch
Axure, Invision, Principle
Photoshop, Illustrator, Animation
Raspberry Pi
jQuery, Angular.js, D3.js

Honor

Tongji University scholarship
2013, Social Contribution Scholarship
2014, Study Scholarship

SAP Student Ambassador
The merely one in Asia Pacific Area
2014-2015

First Prize in Drama Festival
Vice president of Dongli Drama
2014