

Puhe Liang

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Portfolio: <http://liangpuhe.com>

Working Experience

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

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

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 Design: 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

Contextual Inquiry
Competitive Analysis
Graphic Design
Personas
Product Management
Prototyping
Storyboarding
Wireframe

Programming

Javascript
HTML5/CSS3
Python
C++

Tools

Sketch
Axure
Photoshop
Raspberry Pi
jQuery, Angular.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