

Puhe Liang

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PROFESSIONAL EXPERIENCE

UX Engineer II | Appian, Virginia 2019. 6 - present

Develop Appian design system by discovering UI patterns and delivering reusable UI components in React and React Native; design user guidance to evangelize the design system.

Partner with Product Owners, discover requirements, translate business needs and market analysis into workable prototypes.

Design interactions to help business users build systems with custom branding, responsiveness, accessibility and browser compatibility

Craft user-centered design with metrics and usability study results.

Bridge design and development by communicating constraints and evaluating trade-offs.

UX Developer | SAP Shanghai Labs 2015. 8 - 2017. 8

Designed and delivered enterprise web applications on desktop and handheld devices to facilitate complex supply chain processes in SAP EWM.

Visualized data in charts and diagrams to enable meaningful analysis, improved supervising efficiency of warehouse process.

RESEARCH

Research Assistant | University of Michigan 2018 - 2019

Analyzed and consolidated probabilistic visualization techniques to grammar of graphic; contributed to a paper published in CHI 2020.

Assisted teaching Information Visualization; led workshop of developing visualizations in grammar of graphic and D3.js.

HCI Research Intern | Alibaba, California 2018. 5 - 9

Partnered with engineers, researcher scientists, prototyped stereoscopic display, gesture control on Unity.

Filed patent for the study of user perception on depth and mid-air 3D interaction setup.

SKILLS

Programming

React, React Native
JS, HTML5, CSS3
D3.js, AFrame.js
Python

Tools

Sketch, Figma, Illustrator
Axure, Invision, Principle
Arduino, Raspberry Pi
JIRA, Git, Jenkins

UX

Affinity Analysis
Contextual Inquiry
Competitive Analysis
Conversational Design
Graphic Design
Persona
Prototyping
Storyboarding
Usability Study
Wireframe
Work Flow

EDUCATION

M.S. in Information

University of Michigan
Ann Arbor
2019.4

B.E. in Software Engineering

Tongji University
Shanghai
2015.6

Study Abroad

Uppsala University | Sweden