Puhe Liang

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WORK EXPERIENCE

UX Engineer | Appian, Virginia
2019. 6 - present

Develop Appian design system by building configurable UI components and enhancing existing ones; Deliver code in React and React Native, create unit tests in Jest.

Response to customer incidents and code review front-end PRs to ensure browser compatibility and web accessibility.

Partner with designers and product owners, translate product requirements and system objectives into workable prototypes, push ideas to improve limpidity and overall visual experience of Appian.

Introduced responsiveness feature to allow non-technical users configuring web responsive behavior across devices.

Software Engineer | SAP, Shanghai
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 the warehouse process.

Won global second prize in 2016 IoT Challenge, worked as Scrum Master in a diverse team

Graduate Student Instructor | University of Michigan
2018. 9 - 2019. 4

Pervasive Interaction Design - SI612: Lecture IoT programming for physical prototyping on open hardware boards; Lead pervasive design activities in class.

Information Visualization - SI649: Lead in-class discussions, assist teaching programming visualizations in Grammar of Graphic and D3.js.

EDUCATION

M.S. in Information
(Human-computer Interaction)
University of Michigan | Ann Arbor
2019.4

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

Study Abroad
Uppsala University | Sweden

SKILLS

Programming
React, React Native, Jest
JS, HTML5, CSS3, Less
D3.js, Three.js
Python, C++
Unity

Tools
Sketch, Axure, Invision, Principle
Photoshop, Illustrator, Animate
Arduino, Raspberry Pi
JIRA, Git, Jenkins

UX
Affinity Analysis
Contextual Inquiry
Competitive Analysis
Personas
Prototyping
Storyboarding
Usability Test
Wireframe
Work Flow

LEADERSHIP

SAP Student Ambassador
The only one in Asia Pacific Area

Design Thinking Workshop Coach
2016-2017 in SAP

Graduate Student Instructor
Lead labs for IoT prototyping