XI CHEN

Product Designer focusing on AI, visualization, accessibility

PROFESSIONAL EXPERIENCE

UX Design Intern | Tencent
May '18 - Aug '18

Personalize Functionality using AI

Initiated and designed 'AI + Functionality' in QQ Browser that recommends functionalities to lessen users' efforts of selecting from the function pool.

Collaborated with PM and engineers to build 'do not disturb' mode and intelligent tag for the bookmark feature to optimize experience and improve efficiency for working contexts.

Published an article for sharing machine learning knowledge in Tencent.

Designer, iOS Developer | Georgia Tech
Sep '17 - Now

Accessibility | Crowdsourcing | VUI with Haptics

Led developing version 1.0 and designing version 2.0 for ALIGN, a crowdsourcing route planning app that allows users to provide dynamic route condition information together. Launched to App Store!

Designing a voice user interface with haptics to empower the visually impaired to navigate and get surrounding environmental information.

UX Intern | Microsoft Research Asia
Jun '17 - Sep '17

Data Visualization

Worked on a data-driven visualization authoring tool in which I implemented multiple-series bar chart with TypeScript and C#. Conducted user evaluations to compare performance between our tool and another designer-oriented tool. Published on Microsoft Office Store and CHI 2018!

Designed and prototyped an insight comparison module to discover underlying differences beneath dashboard data at Microsoft Hackathon.

PROJECTS

The Home Depot
Aug '18 - Now

Machine Learning | AR

Partnering with The Home Depot. Utilizing AR to enhance efficiency and bring new experience of associates' workflow. Applying machine learning to achieve automatic quality measurement.

Nest for Next
Aug '18 - Now

Smart Home | Nest

Envisioning the next generation of Nest to provide practical energy saving actions. Visualizing positive feedback and incorporating social influence to motivate and help users form energy saving habit.

CONTACT

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EDUCATION

Georgia Institute of Technology
M.S. in Human-Computer Interaction
Sep 2018 - May 2020

Peking University
B.S. in Computer Science
Sep 2013 - Jul 2017

SKILLS

Design

Adobe Creative Suite	XMind
Sketch	Principle
Balsamiq	Invision

User Research & Analysis

Competitive Analysis	Affinity Mapping
Information Architecture	JTBD
Contextual Inquiry	Journey Map
Empathy Map	A/B Testing

Programming

Swift/Objective C	C/C++
JavaScript/TypeScript	Python
HTML/CSS/D3/ jQuery	Java

AWARDS

Award of Excellence
Microsoft Research Asia

Multi-Challenge Award (4/53 teams)
IEEE VISUALIZATION VAST Challenge