XI CHEN

UX designer focusing on AI, visualization, accessibility

EXPERIENCE

UX Design Intern | Tencent

Personalization | AI   May '18 - Aug '18
- Initiated and designed 'AI + Function' in QQ Browser that personalized functions based on users' profile and context of use.
- Published an article for sharing machine learning knowledge in Tencent.
- Collaborated with PM and engineers to build 'do not disturb' mode to optimize working experience and launched the redesign of game center.

iOS Designer & Developer | Georgia Tech

Accessibility | Crowdsourcing | VUI with Haptics   Sep '17 - Present
- Led version 1.0 development and version 2.0 design for a crowdsourcing route planning app that allows people with different physical abilities to report and share information together. Launched to App Store!
- Designing a voice user interface with haptics to empower the visually impaired to navigate and get environmental information around.

UX Intern | Microsoft Research Asia

Data Visualization   Jun '17 - Sep '17
- Led the implementation of a multiple-series bar chart feature for a data-driven visualization authoring tool with TypeScript and C#.
- Conducted user evaluations to compare usability between our tool and another. Published on Microsoft Office Store and CHI 2018!
- Designed and prototyped an insight comparison module to discover underlying differences within the dashboard data at Microsoft Hackathon.

Visualization Developer | Peking University

Information Visualization | Data Mining   Sep '16 - Jul '17
- Designed the interactive and collaborative visualization system to detect frequent and unusual patterns on traffic sensor data. Researched and implemented similarity view using D3/JavaScript.

PROJECTS

The Home Depot: AR | Customization   Aug '18 - Dec '18
- Utilized AR to provide a new workflow experience for associates and customized workflow for novice and expert associates.

InsVoice: Voice User Interface | Motion Design   Dec '18
- Designed and prototyped the interaction for incorporating voice in Instagram to provide quicker communication.

Next for NEST: Ambient Visualization   Aug '18 - Dec '18
- Envisioned the next generation of NEST and visualized positive feedback to motivate and engage users during the habit forming process.

CONTACT

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EDUCATION

Georgia Institute of Technology
M.S. in Human-Computer Interaction
Sep '18 - May '20

Peking University
B.S. in Computer Science
Sep '13 - Jul '17

SKILLS

Design

Adobe Creative Suite	Axure
Sketch	Principle
Zeplin	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