

Han Xue

User Experience Designer & Researcher

hanxue.me
hanxue@andrew.cmu.edu
(412) 897-1466

Education

Carnegie Mellon University

Masters of Educational Technology and Applied Learning Science
School of Computer Science - Human Computer Interaction Institute
Expected December 2020

Beijing University of Posts and Telecommunications

B.E. in Information Engineering
School of Information and Communication Engineering
August 2015 - June 2019

Skills

UX Research

Affinity diagramming / Diagnostic mapping / Contextual inquiry / Observation / Survey design / Interview / AB testing / User modeling / Usability testing

UX Design

Persona / Journey mapping / Storyboarding / Wireframing / Prototyping (lo-fi & hi-fi)

Programming

Arduino IDE / Raspberry Pi / C++ / Python / JavaScript / Verilog HDL / VHDL / HTML / CSS

Projects

UX Researcher & Designer | LAUNCH: Interactive Workspace Design

Course Work, Carnegie Mellon University August - December 2019

Optimized maker space course and portfolio creation process for a Pittsburgh area high school. Designed a novel, interactive whiteboard table to help automate the documentation process. Conducted SME interviews, contextual inquiry, cognitive task analysis, and affinity diagramming to find areas of possible improvement. Delivered a hi-fi prototype and a wizard-of-oz video prototype.

UX Researcher & Designer | Responsive Website Design

Course Work, Carnegie Mellon University September - October 2019

Designed a responsive website for a bubble tea food truck. Combined the pain point of tracking food truck location with a playful character design, and brought a vibe of community to the bubble tea brand.

Researcher & Designer | E-learning Course Design

Course Work, Carnegie Mellon University October - December 2019

Designed and implemented an e-learning module for object-oriented programming. Increased students' score by an average of 22% after using the module.

Researcher & Designer & Programmer | Arduino Smart Cane Design

Course Work, Beijing University of Posts and Telecommunications March - July 2017

Designed and implemented a smart cane system with Arduino and Bigiot cloud platform. It was to assist senior citizens and the visually impaired to avoid obstacles and monitor health conditions.

Experience

Product Manager Intern

Baidu IDG (Intelligent Driving Group) October 2018 - April 2019

Negotiated with automobile manufacturers and designed functions to iterate on MapAuto system. Designed the official website of MapAuto.