

Hannah (Wendan) Wu

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- Passionate prototyper and designer with an interdisciplinary background in UX design and programming
- Experienced in prototyping mobile apps, websites, and 3D products
- Creative and reliable team player who gets things done

Education

University of Washington, Seattle, MS in Human Centered Design and Engineering **Sep 2019 - Jun 2021**

- **Courses:** Programming concepts in HCDE (JavaScript), Web Design Basics(HTML/CSS/JavaScript), Intro to Data Science (Python, Data Analysis, Machine Learning), Experimental Research(R, Data Visualization), User Centered Design

University of Washington, Seattle, Master of Architecture **Sep 2016 - Dec 2018**

Certificate - Front End Web Developer Nanodegree, Udacity **Jun 2020 - Sep 2020**

Projects

Fluffy for Pet Adoption - [UX](#) **Nov 2020 - Nov 2020**

- Investigated user needs in pet adoption through 65 surveys, 2 user interviews, and 2 contextual inquiries
- Used rapid-prototyping to test the learnability of the website architecture
- Created wireframes and visual mockups with **Figma**, implemented motion design with **ProtoPie**

InterArt for Interactive Art Sharing - [Demo](#) | [GitHub](#) | [UX](#) **Aug 2020 - Sep 2020**

- Designed the user interface of an art sharing website according to user research findings
- Prototyped a responsive website using **React**, **Node.js**, and **Express**
- Implemented the infinite scroll feature with **React Hooks** to improve the reading experience
- Styled the frontend interface with **Sass** and **Bootstrap**
- Launched a high fidelity prototype to **Heroku** via **GitHub** for usability testings, and iterated the interface based on feedback

Weather Widget - [Demo](#) | [GitHub](#) **Oct 2020 - Nov 2020**

- Built a single-page weather forecasting web app with **HTML**, **CSS**, **TypeScript** and **REST APIs**
- Reduced 75% of initial page load time with **Webpack**
- Optimized image loading experience with **progressive loading**, enhanced the accuracy of user input with auto-complete

Skills

Proficient: JavaScript, HTML, CSS, Sass, React, Material UI, Bootstrap, Figma, Adobe Creative Suite, Blender

Moderate: Node.js, Express, TypeScript

Work Experience

UX Design Intern - Cike Technology (SeeekLab), China **Apr 2019 - Jul 2019**

- Created visual mockups and hi-fidelity prototypes for 6 interactive art products including digital apps and hardware
- Led the on-boarding experience design of a gesture sensing artwork, delivered user flow diagrams, wireframes, instructions
- Worked closely with the engineering and business teams to pinpoint problems and develop feasible solutions
- Shipped 2 commercial projects in a fast-paced environment

Design Research Intern - Ikuku, China **Jun 2018 - Sep 2018**

- Designed visual marketing assets for the 'computational design' topic
- Conducted 4 semi-structured user interviews to collect qualitative data on UX topics in tangible UI and Machine Learning
- Launched a featured section 'computation design', which was selected as one of the top 3 most popular topics by Ikuku