

Hannah (Wendan) Wu

(206)-291-2675 | wuwendan@uw.edu | [Website](#) | [GitHub](#) | [LinkedIn](#) | Seattle, WA

Education

University of Washington | MS in Human Centered Design and Engineering | Seattle, WA

Sep 2019 - Jun 2021

University of Washington | Master of Architecture | Seattle, WA

Sep 2016 - Dec 2018

Udacity | Front End Web Developer Nanodegree Program

Jun 2020 - Sep 2020

Related 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

Projects

InterArt - [Demo](#) | [GitHub](#) | [UX](#)

Sep 2020 - Oct 2020

- Developed a responsive website for sharing interactive artworks using functional **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 afterward
- Conducted user interviews, usability tests, and created mockups in **Figma**

Weather Widget - [Demo](#) | [GitHub](#)

Oct 2020 - Oct 2020

- Built a single-page weather forecasting web app with **TypeScript** and **REST APIs**
- Optimized the performance for downloading large background images, and improved the user experience of background update with lazy loading and the blurry effect
- Reduced 75% of largest contentful paint time with **Webpack**
- Enhanced the accuracy of user input by developing an auto-complete feature

Aug 2020 - Sep 2020

Trip Snippet - [GitHub](#)

- Developed an asynchronous web application with multiple REST APIs and the Express server to fetch data for users' future trips
- Tested and debugged the code with **Jest** and optimized performance in the production version using Webpack
- Designed the application's UI in Figma and **Adobe Illustrator**

The Wizard's House (JavaScript, P5.js) - [Demo](#)

Sep 2019 - Dec 2019

- Designed and Implemented complex animations for a treasure hunting game using the **P5.js** library

Skills

Proficient: JavaScript, HTML, CSS, Sass, React, Material UI, Bootstrap, Node.js, Express, Figma, Adobe Creative Suite

Moderate: TypeScript, Python, R, SQL, MongoDB

Work Experience

UX Design Intern - Cike Technology (SeeekLab), China

Apr 2019 - Jul 2019

- Built high fidelity prototypes for 10+ proof-of-concept interactive art projects that mixed with mobile UI and hardware design
- Collaborated with engineers to develop feasible design options and contributed to development solutions
- Shipped 2 commercial projects successfully in a fast-paced time frame

Research Intern (Computation Design Research) - Ikuku, China

Jun 2018 - Sep 2018

- Conducted semi-structured user interviews with HCI researchers to gain an in-depth understanding of researches related to the tangible user interface, machine learning, and responsive systems
- Analyzed qualitative interview data to investigate researchers' needs and concerns
- Launched a special section 'computation design' with over 25 design articles, which was featured as the most popular special topics since 2018