XINRAN CAO

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EDUCATION

University of Michigan – Ann Arbor

M.S. in *Master of Science in Information*   ***Aug.2022 - Expected 2024***

- GPA: **4.0/4.0**

University of Wisconsin – Madison

B.S. in *Computer Sciences* & B.S. in *Applied Mathematics*   ***Sep.2016 - May.2020***

- GPA: **3.8/4.0 (Graduated with Distinction)**

WORK EXPERIENCE

Shanghai Aitai Technology Consulting Co., Ltd   **Shanghai, China**

Front-End Developer Intern   ***Nov.2020 - Aug.2021***

- Developed more than ten modules which helps primary market investors improve decision-making efficiency.
- Implemented more than five desktop-based web modules using React, Ant Design, Antv G2 Charts and Echarts to complete the functions of reviewing and commenting cloud files, managing strategy indices, and recognizing input data.
- Built the modules of file management system in cross-platform using React, Taro and WeChat Devtools, including HTML5 mobile side and WeChat Mini Program to improve user experience such as simplifying users' access to information with QR code scan.

PROJECT EXPERIENCE

Permitting Better Permitting – Permit Application Process   **Dearborn, MI**

User Experience Researcher & Designer   ***Jan.2023 - Apr.2023***

- Conducted in-depth interviews with 8 residents, contractors, and 4 government officials to gain a comprehensive understanding of the permit application process and its challenges in Dearborn.
- Redesigned the city government website, focusing on enhancing information architecture, and developed a new digital application portal prototype to streamline the application process.
- Performed 7 usability tests which included A/B tests on the prototype, utilized feedback to make necessary revisions, and subsequently developed a high-fidelity prototype.

UCSF Library Website Evaluation   **Dearborn, MI**

User Experience Researcher   ***Jan.2023 - Apr.2023***

- Conducted a comprehensive Needs Assessment by interviewing 6 users from diverse backgrounds to understand a variety of user perspectives.
- Utilized research methods such as Heuristic Evaluations, Comparative Analysis, and Usability Testing to effectively identify and proposed potential solutions to address usability issues.

Responsive Web Design - https://xinrancao.github.io/jiangwen/   **Dearborn, MI**

User Experience Designer & Front-End Developer   ***Sep.2022 - Nov.2022***

- Developed a responsive website based on JavaScript and CSS, in which the navigation bar and content structures change according to screen sizes to provide uniform and complete user experience on different devices.
- Included accessibility design to make the website useable for all visitors including those with disabilities, impairments, and limitations.

HONOR & AWARDS

- **Dean's List, UW-**Madison   ***Dec.2016, May.2017, Dec.2017, May.2018 & May.2019***
- **Distinctive Scholastic Achievement, UW-**Madison (Top 20%)   ***May.2020***

SKILLS

- **Programming**: JavaScript, HTML, CSS, React, Java, C, Python, Node.js, React Native, Django.
- **UX Skills**: Contextual Inquiry, Competitive Analysis, Affinity Diagram, Heuristic Evaluation, Prototyping, Usability Testing.
- **Tools**: Photoshop, Illustrator, Figma, Miro, Adobe XD, After Effect, Premiere.