Xinran Cao

xrcao@umich.edu | (734) 294-9944 | linkedin.com/in/xrcao/ | xinrancao-portfolio.pages.dev/

EDUCATION

University of Michigan – Ann Arbor **Ann Arbor, MI**
M.S. of Science in Information Aug.2022 - Expected 2024
- GPA: 4.0/4.0

University of Wisconsin – Madison **Madison, WI**
B.S. in Computer Science & B.S. in Applied Mathematics Sep.2016 - May.2020
- GPA: 3.8/4.0
- Awards/Honors: Distinctive Scholastic Achievement (Top 20%), Dean's List

WORK EXPERIENCE

Shanghai Aitai Technology Consulting Co., Ltd **Shanghai**
Front-End Developer Intern Nov.2020 - Aug. 2021
- Developed more than **10 modules** which helps primary market investors improve decision-making efficiency.
- Implemented more than **5 web modules** using **React, Umi, Ant Design, Antv G2 Charts** and **Echarts** to complete the OCR, online-reviewing, comment system, and other functions in cloud file management.
- Built the modules of file management system in cross-platform using **React, Taro** and **WeChat Devtools**, including **HTML5 mobile** side and embedded **WeChat Mini Program** to improve user experience.

PROJECTS

EcoLogical
Team Project - Front-End Developer Jun.2023 – Current
- Set up the **structure** and **routing** for the new business-side Web Application and **managed** the features development and version update using **Git** and **GitHub**.
- Implemented features by integrating third party APIs, such as secure payment gateway by **Stripe Payment**, address autocompletion by **Google Autocomplete API** and others.
- Created a multi-step **seamless onboarding process** for potential partner stores and a **user-friendly dashboard** presenting the economic and environmental benefits that partners have earned from partnership with EcoLogical.
- Connected to the backend application and deployed the entire service on **AWS Amplify**.

Responsive Web Design – xinrancao.github.io/jiangwen/
Individual Project - Front-End Developer Sep.2022 – Nov.2022
- Developed a **responsive** website based on **Vanilla JS**, 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.

Web-based Online Course Scheduler – xinrancao.github.io/course_scheduler/
Individual Project - Front-End Developer Oct.2019 – Nov.2019
- Resigned and built a **user-friendly** school online course selection and scheduler website with **React** Library, which helped display course information and **generate schedule recommendation** clearly.
- **Customized components** with special CSS styles to provide users with visual cues of status and changes.

SKILLS

- **Technical:** JavaScript, HTML, CSS, Node.js, React.js, Next.js, React Native, Java, C, Python, Django, SQL
- **Design Method:** Contextual Inquiry, Heuristic Evaluation, Affinity Diagram, Wireframing, Usability Test