

# Zhijie Zhao

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Ann Arbor, Michigan  
www.zhijiezh.me  
Software Development Engineer / UX Engineer

## SUMMARY

- Skillful in front-end knowledge. Being able to use React, React Native, and Angular framework.
- Have solid knowledge in operating systems, computer networks, database systems, data structures, and algorithms.
- Proceeding a Master's degree in user-centered agile development, experienced in UX design and information visualization
- Fast-learner and willing to learn, good at communication and teamwork, skilled at git.
- Personal Website that presents all my projects - <https://www.zhijiezh.me/>
- **Looking for internship (summer 2022)**

## EDUCATION

**University of Michigan** Sep 2021 - May 2023  
Master of Science in Information Ann Arbor, MI

- Core Course: Contextual Inquiry and Consulting Foundations, Intro to Interactive Design, Information Visualization, Developing Mobile Experiences, Building Interactive Applications

**Shanghai Jiao Tong University** Sep 2017 - Aug 2021  
Bachelor of Science in Electrical and Computer Engineering Shanghai

University of Michigan Shanghai Jiaotong University Joint Institute

- GPA: 3.59 / 4.0
- Honour / Award: Undergraduate Merit Scholarship by Shanghai Jiaotong University (B, etc.) (2020, the first 10%), Undergraduate Progress Scholarships by Shanghai Jiaotong University (2019, the first 5%)
- Core Course: Operating System, Programming & Introductory Data Structures, Data Structures and Algorithms, Introduction to Cryptography

## PROFESSIONAL EXPERIENCE

**Shanghai Yi Xiao Information Technology Co., Ltd.** Apr 2021 - Aug 2021  
Qingfeng, Front-end Development Intern Shanghai

- Worked in a team of UX designers, product managers and back-end developers to build, test and improve the emerging features reaching over 200,000 companies.
- Used Typescript, SCSS and Ant Design to implement the design wireframes into a cross-platform interactive Angular application.

## PROJECT EXPERIENCE

**Wishlist** Nov 2021 - Dec 2021  
Active Team Member Ann Arbor

- A mobile app where you can create wishlists and view your friends' wishlists
- Stack: React Native, TypeScript, Native Base, Firebase and ahook.
- Support authorization form control, loading control, toast notification, and swipelist.
- Users can add friends through email addresses, see their friends' wishlist and claim their wishes. Users can also create, update, delete and edit their wishlist. Users can also complete and discard claimed wishes.

**HumanKind** Sep 2021 - Dec 2021  
Active Team Member Ann Arbor

- A donation platform that facilitates smaller, direct donations to neighbors in need.
- Created high fidelity prototype for both donor side and receiver side.
- Created a high-fidelity prototype for both the donor side and receiver side.  
Went through all stages of interactive design: competitive analysis, interviews, scenarios, personas, storyboards, user flow diagram, paper prototype, and digital prototype.
- Conducted twelve interviews and two rounds of usability inspection tests to iterate and improve our design

**Red Lake County is not perfect but definitely not the worst** Oct 2021 - Nov 2021  
Individual Project Ann Arbor

- A data visualization project that accompanies a article from The Washington Post
- Use both static and interactive visualizations to present Red Lake County's natural amenities, education, and economy.
- Use a parallel coordinates graph to implement a Martini Glass Infographics Structure.

**Implement a Shell using C** Sep 2020 - Oct 2020  
Individual Project Shanghai

- Support the simple Linux Shell command using C
- Implement the function of File I/O redirection, pipe, CTRL-C, CTRL-D
- Support Quotations and background jobs.

## SKILL

- **Skills:** JavaScript(skillful), TypeScript, HTML, CSS, C / C ++, MATLAB, Verilog, MIPS Assembly, R, Python, LaTeX
- **Languages:** English and Chinese