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 system, computer network, database system, data structures and algorithms.
- Proceeding a Master's degree on user-centered agile develpment, 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
Qingflow, 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-platfrom 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.
- User can add friends through email address, see his friends' wishlist and claim their wishes. User can also create, update, delete and edit his own wishlist. User 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.
- Went through all stages of interactive design: competitive analysis, Interviews, scenarios, personas, storyboards, user flow diagram, paper prototype and digital prototype.
- Conducted 12 interviews and 2 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 the natural amenities, education and economy of Red Lake County.
- 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