# Pengkai Liao

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UX Design Front-end Developing

#### **EDUCATION**

# Rochester Institute of Technology

Masters in Human - Computer Interaction 2019.09 - present

# South China Normal University

Software Engineering 2015.09 - 2019.07 GPA 3.59 / 5.0

### **SKILLS**

### Design & Research

Figma Adobe XD Balsamiq Mockup Invision

User Interviews Affinity Diagram Heuristic Evaluation Storyboarding

## Coding

Html & CSS JavaScript Vue.js PHP Linux Git

### **PROJECTS**

# Gamified and socialized mobile reading app based on PWA

2018.09 - 2019.06 | Graduation Design

- Conducted 8 user interviews and generated insights from synthesis
- Implemented 2 gamified competitive product analyses and 2 socialized competitive product analyses to research the gaming and socialized mechanism
- Low-fidelity Prototyping with Balsamiq Mockup
- Applied PWA(Progressive Web App) technology to developed the web application; Utilized Lavas, a PWA solution with Vue.js, to develop the project

# One Cooperation

2018.04 - 08 | WeChat Mini-app to enhance team cooperation capability Third Prize in National Final of WeChat Mini-app Developing Contest 2018

- Performed user research including 12 user interviews and 294 questionnaires
- Generated insights from synthesis of results of user research; discussed with teammates to organize functions and features of the product according to the insights
- Designed user interfaces and rapid prototyping with Axure RP
- Front-end programming with JavaScript, WXML and WXSS which is structural similar to HTML, CSS

### BuzzwordReader

2017.05 – 2018.04 | An online dictionary for Internet Buzzwords https://github.com/LiamBommer/BuzzwordReader

- Completed software requirements documents specified in describing steps of each function and drew use case diagrams for efficient programming
- Designed user interface with front-end framework based on Material Design and programming with Vue.js
- Built the server with Linux, MySQL database, and back-end programming with PHP framework Codelgniter