

RONGHE CHEN

📍 Chicago, IL

Sophomore at Northwestern University interested in front-end software engineering and UI/UX design. With experience in web development, user interface design, and conducting user research, I am skilled in HTML, CSS, JavaScript, and React. Eager to apply technical knowledge and creative problem-solving to develop intuitive, user-friendly digital solutions. Currently seeking opportunities to enhance coding proficiency and build impactful applications.

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EDUCATION

NORTHWESTERN UNIVERSITY

Evanston, IL | 2023 - 2027

- BS in Computer Science, Psychology
- Dean's List Spring 2024
- Relevant Coursework: Fundamentals of Computer Programming I & II, Data Structures & Algorithms, Introduction to Computer Systems, Human-Computer Interaction

PEMBROKE CAMBRIDGE SUMMER PROGRAMME

Cambridge, UK | 2024

- Study Abroad
- Courses in forensic psychology & cybersecurity
- Conducted research on machine learning algorithms in Spotify Recommendations

EXPERIENCE

USER EXPERIENCE VOLUNTEER

Vibing | Nov 2024

- Recorded and tested user "vibes", providing UX feedback to improve onboarding and user engagement
- Proposed new app features, such as filters and "red/green flags" to enhance user experience
- Gained first-hand experience with tech startup operations and product development

WEBSITE CO-CHAIR

Responsible Use of AI Student Organization | Sept 2024 - Present

- Overseeing a team of web developers, guiding project progress, and ensuring seamless website functionality.
- Serving on RAISO's executive board, representing the organization at club fairs to drive recruitment and expand the team.

UNDERGRADUATE RESEARCHER

Pembroke Cambridge Summer Programme | Jul 2024 - Aug 2024

- Conducted Independent Supervision research while studying abroad under the mentorship of Dr. Calbert Graham
- Research focuses how Spotify recommends music using machine learning algorithms and convolutional neural networks, as well as how effective they are in promoting user satisfaction
- Was one of 5 students selected to present at Project Showcase

WEB DEVELOPER

Responsible Use of AI Student Organization | Oct 2023 - Sept 2024

- Collaborated with team members to build a timeline and revamp the RAISO website, highlighting discussions on AI ethics
- Used softwares such as Webflow and Figma to build wireframe
- Conducted user interviews to learn about target audience and tailor RAISO website to their needs & values

SKILLS

LANGUAGES

Python

C/C++

HTML

CSS

React

JavaScript

Java

TOOLS

Figma

Webflow

VSCode

Git

Canva

EXTRACURRICULARS

MCCORMICK STUDENT ADVISORY BOARD

External Relations Team | Sept 2023 - Present

- Conducts interviews for @humansofmccormick
- Designed @humansofmccormick Instagram profile picture Designed flyers and Instagram posts for upcoming events (Nominate an Engineer!, E-Week 2024)

CHI OMEGA SORORITY

Member | Jan 2024 - Present

- Attends weekly meetings
- Participates in philanthropy activities such as Northwestern University Dance Marathon (NUDM) and Waffles for Wishes
- Led "Sisterhood Chats", small-group discussion sessions that focused on topics such as diversity, equity, managing stress, and empathy.

PROJECTS

PORTFOLIO

<https://ronghechen.github.io>

Used HTML, CSS, and JavaScript to create a portfolio website and blog.

STUDY TIMER

<https://ronghechen.github.io/studytimer>

Used HTML, CSS, and JavaScript to create a Pomodoro-style timer for study sessions.

OPEN STREET MAP PROCESSING

Used C++ to build an application that parsed XML data to predict bus arrival times and locate closest bus stops

NUPYTHON PARSER

Built a Python-language parser using C, implementing loops, operations, and print statements.