

Senhuang Cai

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Education

Cornell University, Master of Professional Studies in Information Science (GPA: 4.0/4.0) Expected May 2024

Relevant Coursework: Human-Computer Interaction, User Experience (UX) Design, Prototyping, Design Systems

University at Buffalo, Bachelor of Science in Computer Science (GPA: 3.7/4.0) Graduated May 2023

Relevant Coursework: Data Structure and Algorithms, Mobile Development, Web Development, Product Design

Experience

Metlife, Business Analyst Jun 2022 - Aug 2022

- Designed prototype of an internal networking app with 20 features informed by data analysis on onboarding metrics in collaboration with designers and product managers on an agile team.
- Spearheaded an additional project that streamlined a project creation workflow by 30% by conducting user interviews to identify key pain points and presenting recommendations and its impact.

SpeakHire, Software Engineer Frontend Jul 2021 - Aug 2021

- Built a compelling onboarding experience for new mentors resulting in a 50% improvement in user experience as measured by bounce rate, conversion rate, and app responsiveness.
- Conducted research on User Experience (UX) best practices in wireframes, mockups, and prototypes.

Queens College, WordPress Developer Jun 2021 - Jun 2023

- Developed compelling mobile friendly websites, achieving on average a 35% decrease in reported bugs by generating unique design systems, integrating third-party APIs, and conducting rigorous testing for responsiveness and quality assurance.

Projects

Google, UX Researcher Aug 2023 - Present

- Selected as one of 50 applicants to collaborate with Google designers to define an AI-first strategy and roadmap for a Google customer relationship management (CRM) system with LLM-powered capabilities.

Google, UX Designer Aug 2022 - Dec 2022

- Conducted a case study identifying 4 customer pain points in the Google Maps app and managed design remediations through analysis of 10 user usability testing and user experience research.

Leadership

Cornell University, M.P.S., Information Science Club President Aug 2023 - Present

- Collaborating with leaders on campus to deliver over 10 graduate events centered on networking, health awareness, career fairs, and diversity events, by ensuring seamless logistics, crafting enticing marketing campaigns, and incorporating attendee feedback.

CodePath.org, Tech Fellow Jun 2021 - Aug 2023

- Managed the learning outcomes of around 90 students over 3 college semesters by defining weekly instructional for technical assistants, creating technical slides and documentation, and hosting exam prem.

Skills and Competencies

Project Management: Software Development Life Cycle (SDLC), Google Workspace, Microsoft Office, Jira, ZenHub

Product Design: Figma, Adobe XD, Photoshop, Interaction design, User research, Visual design, Prototyping

Other Tools: Figma, Adobe XD, Adobe Illustrator, WireframePro, GitHub

Certifications: User Experience Design, Web Development, Software Engineering, CodePath Tech Fellow Society

Programming Languages: Python, JavaScript, HTML, CSS, React, Angular, R