

Harper Hay

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harperhayportfolio.com

Education

Indiana University, Luddy School of Informatics, Computing and Engineering

May 2025

Bloomington, IN

Cumulative GPA: 3.2/4.00

Bachelor of Science in Informatics

Specializations: Human-Centered Computing, Web Development & Design

Technical Skills

User Experience: User Interviews, User Research, Figma, Optimal Workshop, Contextual Inquiry, Wireframing, High-fidelity Prototyping, Interactive Design, Card Sorting, Wireframe Usability, Personas, Journey Mapping

Web Development: HTML/CSS, Adobe Photoshop, Adobe Illustrator, Adobe XD, JavaScript

Certifications

Social/Behavioral Researchers - Human Research

August 2023

Collaborative Institutional Training Initiative (CITI Program)

University of Michigan | User Experience Research and Design Specialization (*In Process*)

July 2024

Projects

Website Redesign - Jo's Coffee Shop (IU Bloomington)

January 2024 - May 2024

Front-End Development/Website

- Designed and developed a fully responsive website from scratch using HTML, CSS, and JavaScript, enhancing usability and visual appeal based on user feedback.
- Conducted task analysis with three participants on existing applications to identify usability issues, resulting in actionable insights that improved navigation, user flow, and overall user experience.

EduLink (IU Bloomington)

August 2023 - December 2023

Figma High-Fidelity Prototype

- Developed a high-fidelity prototype for a career-building app for college students, emphasizing human-centered design based on insights from 30+ user interviews.
- Conducted user research, including contextual inquiries, social media analysis, and Wizard of Oz studies to identify challenges and inform design decisions from a user centered approach.
- Leveraged Optimal Workshop for data-driven insights through card sorting, integrating into final design.

Meeting Scheduler (IU Bloomington)

August 2022 - December 2022

Figma High-Fidelity Prototype

- Developed a high-fidelity prototype for a calendar application aimed at improving scheduling and communication among students, focusing on human-centered design principles.
- Conducted iterative design critiques and usability tests with twelve participants, integrating feedback to refine the final prototype and improve user navigation and feature accessibility.

Experience

Child Caregiver (Austin, TX)

October 2020 - August 2023

- Cared for children across the Westlake community.
- Coordinated schedules with dozens of families, and provided excellent care for children including those with special needs.

Community Involvement and Leadership

Women in Computing (IU Bloomington)

August 2022 - Current

Member

- Develop career competencies through participation in outreach, professional workshops, and social events.
- Expand networking opportunities in the technology industry.

Emerging Technologies (IU Bloomington)

Outreach Coordinator

August 2021 - May 2022

- Strengthened professional communication skills by reaching out through email to IU alumni.