Ethan Carmona

EDUCATION

Bachelor of Science in Informatics

August 2022 - May 2026

Minor: Web Design & Specialization, Human Centered Computing

Indiana University | Bloomington, IN | GPA: 3.72/4.00

- Provost Scholarship Recipient (awarded to incoming first-year in-state students of the highest academic quality)

DESIGN & PRODUCT EXPERIENCE

Senior Capstone, Indiana University August 2025 - Present

- Collaborating in a cross-functional Agile team to design and build a full-stack CRM system for IU's Mexico Gateway office.
- Partnering with stakeholders through biweekly discovery meetings to identify user pain points, accessibility needs, and workflow challenges.
- Creating user personas, epics, and mid-fidelity wireframes in Figma to guide system design.
- Contributing to system architecture by designing a relational database (MySQL/MariaDB) and supporting end-to-end product thinking from UX to implementation.

Instructor, iCode - Fishers, IN July 2025 - August 2025

- Led small-group engineering and web development workshops for students ages 6–12, emphasizing inclusive learning approaches.
- Redesigned and modernized lesson plans to improve accessibility, engagement, and comprehension for diverse learning styles.
- Taught HTML, CSS, JavaScript, and Bootstrap, guiding students to design and build personal websites within one week.

IT Intern, Pharmaneek - Indianapolis, IN June 2024 - August 2024

- Built and refined CRUD interfaces using Laravel and MySQL, ensuring clarity, consistency, and maintainable UI logic.
- Reviewed and debugged Flutter mobile applications, contributing to smoother user experiences and supporting ongoing development efforts.
- Adapted quickly to new frameworks and technologies, demonstrating versatility in supporting full-stack and mobile development projects.

UX & ACCESSIBILITY PROJECTS

Usability Report : Local Haunted House Websites Fall 2024

- Conducted comparative usability research on six local websites, focusing on navigation clarity, accessibility, and visual hierarchy.
- Evaluated the Necropolis Underground website, identifying key usability and accessibility issues affecting diverse users.
- Designed and facilitated task-based usability testing, observing and documenting participant interactions.
- Delivered a structured report with recommendations to improve overall user experience and accessibility.

Contact

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Social

LinkedIn: www.linkedin.com/inethancarmona

Website: https://github.comtarerok/Personal-Website

Design Methods

User Research, User Flow Wireframing (Low, Mid, High), Rapid Prototyping, Competitive Analysis, Affinity Mapping, Agile Design, Usability Testing

Tools & Technologies

Figma, VS Code, Adobe Photoshop, Adobe Illustrator, GitHub, Laravel, Adobe XD, MariaDB,

Programming

HTML, CSS, Python, JavaScript, Java, React, PHP, MySQL