[A qr code with a black border

AI-generated content may be incorrect.](https://www.linkedin.com/in/vdarak8/)[A qr code with black squares

AI-generated content may be incorrect.](https://ux-portfolio-omega.vercel.app/)**Vedant Darak**

Chicago, IL | (872)-664-2578 | vdarak.infinity@gmail.com

**EDUCATION**

**Master of Science in Human-Computer Interaction -** DePaul University GPA **3.6**/4.00June 2025 | Chicago, IL

- **Coursework**: UX Research Methods, Survey Data Analysis, Design Fundamentals, Usability Testing and Prototyping

**Bachelor of Engineering in Computer Science –** VESIT, GPA **3.63**/4.00 May 2022 | Mumbai, India

- **Coursework**: Object Oriented Programming, Applied Statistics, Web Development and Human Machine Interaction

**SKILLS**

- **Languages**: HTML, JavaScript, Python, Next.js, React, Tailwind CSS, TypeScript

- **Tools**: Figma, GitHub, Jira, Microsoft Office, Miro, Optimal Workshop, Qualtrics, R Studio, Visual Studio Code, v0

- **Hard Skills**: A/B Testing, Agentic AI, Agile UX, Design Systems, Front-end Development, Information Architecture, Journey Mapping, Programming, Rapid Prototyping, Storytelling, Typography, UX Design, User Research, UI, Wireframing, Web Design

- **Soft Skills**: Adaptability, Communication Skills, Decision Making, Problem-Solving, Teamwork and Collaboration

**WORK EXPERIENCE**

**Infinichains (Credibl) Inc.** – *Software Design Intern* June 2022 – Aug 2023 | Remote

- Architected comprehensive **ESG dashboard interface** using **React components** and **Chart.js** visualizations, streamlining carbon footprint tracking and product operation pipeline monitoring across **15+ enterprise clients**

- Engineered **20-component design system** with standardized patterns and guidelines, enabling consistent UI/UX implementation and reducing development handoff time by **40%** through systematic documentation

- Conducted mixed-methods **user research** including stakeholder interviews, usability testing, and surveys across **20 senior executives**, identifying critical navigation bottlenecks and data visualization accuracy issues

- Redesigned **ESG data visualization architecture** using **Chart.js** integration and **API response/payload** optimization, resolving misbehaving components that previously displayed inaccurate carbon footprint, social impact and operational metrics

**PROJECTS**

**Pepper - AI Job Hunt Assistant** May 2025 – Jun 2025

*Agentic AI, Design System, Next.js, Python, React, Tailwind CSS, User Research, Usability Testing, Wireframing*

- Designed interface for AI-driven job search tool with **Next.js** & **React** frontend, and **design system** with **20+** reusable **components**

- Engineered real-time **request dashboard** component with paginated request tracking and expandable **5-agent** pipeline visualization.

- Validated design through usability testing with **5 beta users** using **think-aloud protocols** increasing user satisfaction scores by **40%**

**BackMarket - Information Architecture Redesign** Jan 2024 – Mar 2024

*First Click Testing, Figma, Information Architecture, Miro, Optimal Workshop, Treejack Testing, User Interviews, Usability Testing*

- Designed **mid-fi wireframes** in **Figma** with 8 screens for critical **user journeys** using research insights to optimize task completion

- Orchestrated **card sorting test** using **Optimal Workshop** with 27 content cards restructuring existing convoluted 3-navbar system

- Executed two-round **tree testing** with **24 participants** improving navigation success rates from **67% to 87%**

**Understanding Creative Block (Research Case Study)** Jan 2024 – May 2024

*Affinity Mapping, ATLAS.ti, Feature Priority Matrix, Journey Mapping, Persona Spectrum, Thematic Coding, User Interview*

- Orchestrated user research conducting **8 contextual observations** and **8 in-depth interviews** with creative professionals

- Engineered a **persona-spectrum** and scenario-driven **experience maps** to model **user journeys** through the creative process

- Generated feature prioritization matrix using impact-effortscoring evaluating **10 design implications** for solving creative block

**ANA – AI News Aggregator**  Apr 2025 – Jun 2025

*Figma, Literature Research, Prototyping, Qualtrics, R Studio, Survey Data Analysis, User Interviews, Usability Testing, Wireframing*

- Developed iOS-compliant **design system** validated through structured **cognitive walkthroughs** and user feedback integration

- Applied **R** for **quantitative analysis** of surveys, iterating via **RITE** method usability tests to refine explainable UI elements

- Orchestrated mixed-methodsuser research combining **surveys (n=43)** and **9 interviews** analyzing news consumption habits  **Gamifying Hydration** Sep 2023 – Dec 2023

*A/B Testing, Behavioral Analysis, Figma, Miro, Mobile Design, User Research*

- Designed **gamified mobile application** UI into existing campus Blue Demon app featuring **NFC-enabled reward** point collection

- Implemented **A/B testing** on reminder achieving **40%** user engagement increase and **20%** positivebehavior change within **5 users**

- Created **wireframes** in **Figma** spanning water fountain locator and rewards flows using campus-specific **UI components**