[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://vdarak-portfolio.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**: Design Fundamentals, Prototyping, Social Interaction Design, Usability Testing, UX Research Methods

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

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

**SKILLS**

- **Languages**: CSS3, HTML5, JavaScript, Python, Next.js, React, Tailwind CSS, TypeScript

- **Tools**: Copilot, Figma, GitHub, Jira, Lighthouse, Miro, NVDA, Qualtrics, R Studio, Visual Studio Code, Voice-over, v0

- **Hard Skills**: API Integration, Agile UX, Design Systems, Front-end Development, Information Architecture, Mobile Design, Responsive Design, Rapid Prototyping, Storytelling, Typography, UI Implementation, UX Design, Wireframing, Web Development

- **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

- Designed **ESG dashboard UI** using **Figma** for carbon footprint and social impact tracking across **15+ enterprise clients**

- Delivered **20+** component **design system** with accessibility-first approach, standardized patterns and pedantic documentation

- Led **UX research** - stakeholder **interviews**, **surveys** & **usability testing** with **20 senior executives** identifying navigation barriers

- Conducted **A/B testing** for validating **25% task completion improvement** by reducing ESG data access steps from 4 to 3

**PROJECTS**

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

*Agentic AI, Design System, Google AI Studio, Next.js, Python, React, Tailwind CSS, TypeScript, User Interviews, Usability Testing*

- Developed **interface** for AI-driven job search tool in **TypeScript**, **Next.js** & **React**, and **design system** with **20+** **components**

- Created real-time **request dashboard** component with request tracking and expandable **5 AI agent** process pipeline visualization.

**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

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

**Gamifying Hydration** Sep 2023 – Dec 2023

*A/B Testing, Behavior Mapping, Figma, Miro, Mobile Design, Prototyping User Interviews, Usability Testing, Wireframing*

- Designed **gamified** mobile application **prototypes** into existing 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**

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

*Figma, Literature Review, Mobile Design, Prototyping, Qualtrics, R Studio, Surveys, User Interviews, Usability Testing, Wireframing*

- Designed novel **bias slider** component in **Figma** validated by literature review and user needs from user research insights

- Executed **RITE methodology** for **2 usability tests**, achieving **82% user credibility** rating via iterative UI design improvements

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

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

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

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

**BVI Social Media Accessibility Research Study** Apr 2025 – Jun 2025

*Accessibility, ATLAS.ti, Affinity Mapping, FigJam, Qualitative Research, Voice-over, Thematic Analysis, User Interviews, Zoom*

*-* Conducted **user research** with 3 visually impaired participants for social media use via **usability tests** with **VoiceOver** and **NVDA**

- Led **accessibility audits** across Facebook, Instagram, YouTube, and other platforms, identifying **15+** critical **WCAG 2.1** violations

**Reducing Alcohol Intake: Behavioral Science & UX Research Study**  Jan 2025 – Mar 2025

*Affinity Mapping, Card Sorting, Journey Mapping, Personas, Prototyping, User Interviews, User Testing, Wireframing*

- Orchestrated **mixed-methods behavioral research study** conducting **10 semi-structured interviews** and **card sorting** activity

- Engineered comprehensive **user journey mapping** framework documenting **5-stage behavioral** transition process for intervention