

Ben Momeni

UX Designer | Engineering + Human-Computer Interaction

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PROFILE

UX designer and data engineer earning an M.S. in Human-Computer Interaction. I translate complex systems into clear, accessible digital experiences through research, interaction design, prototyping, and technical collaboration.

EXPERIENCE

Great American Insurance Group

Senior Push Developer (Data Engineer)

May 2025 - Present

- Design, develop, test, and maintain integrations between ClaimCenter, ContactManager, and enterprise data warehouses using Java, Spring Boot, XSL/XSLT, XML/JSON, Oracle, and SQL Server.
- Partner with cross-functional teams to define requirements, architecture, implementation standards, and production-ready solutions within an Agile environment.
- Participate in code reviews, mentor teammates, and coordinate production support, server maintenance, upgrades, and weekend deployments with infrastructure teams.

84.51°, Kroger Co.

Data Engineer

May 2023 - March 2025

- Automated event-driven data pipelines with reusable Python packages, replacing an on-premises SQL warehouse and saving approximately \$190K in operating costs.
- Built Datadog monitoring and led daily issue reviews, translating failures into Jira work and documentation for an offshore support transition.
- Developed Databricks SQL and PySpark workflows for datasets exceeding 100K rows, improving data access and same-day delivery to finance.

UX PRACTICE

Research

User interviews
Research synthesis
Journey mapping
Usability testing

Design

Information architecture
Wireframing
Interaction design
Prototyping
Accessibility

Tools

Figma
Axure RP
Miro

TECHNICAL SKILLS

Front end

HTML
CSS
JavaScript
TypeScript
Angular
React
WordPress

Engineering and data

Python
SQL
PySpark
Java
Spring Boot
Databricks
Azure
Power BI
GitHub
CI/CD
Datadog

EDUCATION

Iowa State University

M.S. Human-Computer
Interaction
August 2025 - Expected April
2027

University of Cincinnati

B.S. Information Technology
Software Development
Minor in History
GPA: 3.79/4.0
August 2019 - May 2024

EXPERIENCE CONTINUED

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Data Engineer (continued)

May 2023 - March 2025

- Designed Power BI dashboards and partnered with accounting stakeholders on a tax-form verification workflow.

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Software Developer Intern

January 2023 - May 2023

- Developed an Angular, Python, and TypeScript application used by more than 35 internal teams to support event-driven data workflows.
- Created Figma mockups, implemented pages with an internal component library, and designed a Power BI usage dashboard for business leaders.

Web321 | Vancouver, British Columbia

Web Developer Intern

May 2022 - August 2022

- Developed responsive WordPress sites using Divi Builder, PHP, HTML, and CSS, with cross-browser testing and performance optimization.
- Collaborated directly with clients to document requirements and recommend user-experience improvements.

HOW I WORK

I bring systems thinking from data engineering into UX work: clarifying constraints, grounding decisions in evidence, documenting tradeoffs, and collaborating closely with technical partners. My goal is to make complex products understandable without losing the realities of implementation.

ADDITIONAL

Certification: CompTIA A+

SELECTED UX PROJECTS

Making Collins Aerospace Visible

Usabilathon 2026 | UX design team member

Combined secondary research with traveler interviews, synthesized findings around anonymous trust and in-flight engagement, and helped create a passenger journey, brand strategy, and high-fidelity interactive prototype.

CineGuide

Individual HCI project | UX designer and researcher

Designed a six-screen mobile experience that narrows movie choices using mood, context, and time. Added recommendation rationales, feedback controls, and session-based privacy to support user control.

Video Accessibility Assistant

HCI hackathon 2025 | UX design team member

Helped define needs for campus media staff and accessibility stakeholders facing a backlog of more than 1,000 videos. Designed an end-to-end prototype for analysis, human review, issue resolution, and accessible export.

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