

# Hasti Darabipourshiraz

Second-year PhD Student, Designer, and Researcher in Computer Science at Northwestern University.

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## EDUCATION

Northwestern University, Evanston, Illinois — PhD

September 2023 – Anticipated Graduation Date: June 2028

Department of Computer Science and Communication Studies, Creative Interfaces Research and Design Lab

Azad University of Kerman, Kerman, Iran — B.SC.

September 2019 – July 2023

Computer Software Engineering, GPA: 17.16 (out of 20), Dean's List Fall '20, Spring '21, Fall '22, Spring '23

## PUBLICATIONS

**Introducing AI Without Computers: Hands-On Literacy and Ethical Sense-Making for Young Learners.**

Hasti Darabipourshiraz, Maalvika Bhat, and Duri Long. 2025. In Proceedings of the 2025 ACM Conference on Human Factors in Computing Systems (CHI 2025). <https://doi.org/10.1145/3706599.3719876>

**DataBites: An embodied and co-creative museum exhibit to foster children's understanding of supervised machine learning.**

Hasti Darabipourshiraz, Dev Ambani, and Duri Long. 2024. In Proceedings of the 2024 ACM Conference on Creativity & Cognition (C&C '24). <https://doi.org/10.1145/3635636.3664247>

**Bias Viz: A Project-Based, Narrative-Centered Learning Tool for Engaging Middle Schoolers in Critical Thinking about AI Biases**

Hasti Darabipourshiraz, Shiyang Jiang, Dongkuan Xu, and Duri Long. 2025. Under review for the 26th International Conference on Artificial Intelligence Education. (AIED '25).

**AI Unplugged: Tangible Simulations of AI Reasoning Processes for Middle School Learners**

Hasti Darabipourshiraz, Lily NG, Grace Wang, Sophie Rollins, and Duri Long. 2025. Under review for the ACM Transactions on Computing Education (TOCE) Journal, Special Issue on Embodiment in Computing Education.

**AI DoodleLab: Fostering Middle School Students' AI Literacy through Project-Based Creative Drawing**

Hasti Darabipourshiraz. 2025. Under review for the 2025 ACM Conference on Creativity and Cognition (C&C '25).

**Designing and Evaluating Museum Exhibit Prototypes to Foster Middle Schoolers' AI Literacy through Creativity & Embodiment.**

Hasti Darabipourshiraz, Sophie Rollins, Milka Trajkova, Chengzhi Zhang, Yasmine Belghith, Tom McKlin, Jessica Roberts, Brian Magerko, Duri Long. In preparation for submission to the 2026 ACM Conference on Tangible and Embedded Interaction (TEI '26).

## PROJECTS

**DataBites: A museum exhibit to teach children about supervised machine learning.**

Research advisor: Duri Long, Assistant Professor, Northwestern University.

(September 2023 – Present)

**BiasViz: An interactive web-app for young learners to analyse bias in LLMs.**

Research advisor: Duri Long, Assistant Professor, Northwestern University.

(March 2023 – Present)

**AI Unplugged: No-tech activities for teaching core AI concepts to Young Learners.**

Research advisor: Duri Long, Assistant Professor, Northwestern University.

(November 2023 – Present)

**AI DoodleLab: A co-creative tool for drawing with an AI agent while learning AI concepts.**

Research advisor: Duri Long, Assistant Professor, Northwestern University.

(March 2025 – Present)

## WORK EXPERIENCE

**Keyhan Language School English Institute, Website and Social Media Manager**

Kerman, Iran— (November 2021 – August 2023)

**Kerman Language House English Institute, Website and Social Media Manager**

Kerman, Iran— (June 2019 – August 2023)

**iTech Digital marketing agency, Website and Social Media Manager**

Kerman, Iran— (July 2021 – September 2022)

**Key Responsibilities as a Website and Social Media Manager**

- Designed and maintained websites prioritizing user experience.
- Led Instagram account management and audience interaction.

- Created engaging & interactive educational content for websites & social media.
- Designed graphics and edited videos to support branding and marketing.

## CERTIFICATES

**Meta Front-End Developer, May 2024**

The front-end developer certificate focuses on front-end development languages and teaches to work with content management systems (CMS). <https://coursera.org/share/bf4c4364de11b4fc405386a33f614a15>

## TECHNICAL LANGUAGES

HTML/ CSS, JavaScript, Flask / React, Python, C++

## AWARDS

**Design Cluster Fellowship Recipient, Fall 2024 & Winter 2025**

Selected for a prestigious fellowship focused on advancing expertise and innovation in design and interdisciplinary collaboration.

## SOFT SKILLS

Communication, Creativity, Teamwork, Organizational, Leadership, Time Management