

# Jannah Issa

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## Education

**NORTHWESTERN UNIVERSITY**, Evanston, IL

Expected June 2026

**Bachelor of Arts in Cognitive Science & Computer Science**

Segal Manufacturing & Design Certificate and the Human-Computer Interactions Certificate

**Relevant Courses:** *Fundamentals of Computer Programming, Data Structures and Algorithms, Introduction to Cognitive Modeling, Design, Thinking, & Communication, HCI Studio, User Experience Design, Technology & Human Interaction*

**Activities & Community Involvement:** *Design for America, Society of Woman Engineers (SWE), Women in Computing, COLORSTACK, Emerging Coders, Northwestern ARCH Scholars, Rewriting The Code, NSBE*

## Professional Experience

**UX Design Intern**

June 2024 –August 2024

PriceSenz, Dallas, TX

- Specialized in creating seamless user experiences and developing interfaces for an AI-powered recruitment platform. Gained in-depth experience in UI/UX design, human-computer interaction (HCI), user research methodologies, and integrating AI-driven solutions.
- Leveraged data engineering techniques to streamline design processes and conducted comprehensive market analyses to align with PriceSenz's mission of delivering cutting-edge technology and talent solutions for diverse clients in both commercial and public sectors.

**Frontend Web Developer - UX/UI**

February 2024–Present

The Garage at Northwestern University, Evanston, IL

- Proficient in designing and developing user-centric websites and interfaces for student startups, with a focus on intuitive navigation, visual coherence, and aesthetic appeal.
- Adept at leveraging modern design principles and advanced technologies such as HTML5, CSS3, JavaScript, and React to enhance online presence and deliver engaging, high-performance user experiences.

**Undergraduate Developer and Researcher**

May 2023– Present

TIILT Lab, Evanston, IL

- Manager of the Gesture-Craft Team in the Technological Innovations for Inclusive Learning and Teaching (TIILT) Lab, leading research and development initiatives. Conducted comprehensive research on the role of gestures in educational settings, investigating their cognitive benefits and impact on learning environments.
- Developed a Python-based gesture recognition interface using camera inputs to interpret hand gestures for human-computer interaction. Tailored the interface for children, integrating it into Minecraft to enhance learning through immersive, gesture-driven experiences (Gesture-Craft).

## Personal Projects

**Hawa App - Islamic Personal & Community Hub**

Role: UX/UI Designer & Developer

Tools: Figma, React Native, Firebase

- Designed and developed an Islamic community hub app that helps users track daily spiritual goals, connect with peers, and explore Islamic resources in a personalized dashboard.
- Created an intuitive and aesthetically pleasing user interface to enhance user engagement and foster a sense of community.
- Integrated features such as customizable user profiles, interactive learning sections, and connection with peers/alumni.

**Split & Dine-In Wildcat – Web and Mobile Applications**

Role: Full-Stack Developer & UX Designer

Technologies Used: HTML5, CSS3, JavaScript, jQuery, Bootstrap, React, React Native, Firebase

- Designed and developed a web app that simplifies splitting bills with friends. Users can easily calculate tax, tip, and handle uneven splits. The app allows users to exclude specific items, providing a fair breakdown of costs.
- Created a mobile app connecting Northwestern students with local restaurants, offering exclusive discounts and personalized dining recommendations. Utilized React Native for cross-platform mobile development and Firebase for backend services, including user authentication and real-time data updates.

## Publication

**Issa, J. "Empowering Learning in Educational Games: Integrating Embodied Cognition with Minecraft through Gestural Interfaces." Springer VOLUME (2024)**

## Skills

- Languages:** Python, JavaScript, HTML/CSS, React, C++, Java, Racket
- Software:** FIGMA, Git, Adobe XD, Adobe Creative Cloud Suite, Autodesk Fusion, Microsoft Office Suite
- Technical Competencies:** Design Sketching, User Experience Research, Journey Mapping, Graphic Design, Rapid Prototyping, Animation, Conceptual Design
- Native Languages:** English & Arabic