

Experience

Lead UX Researcher, Dominicanos USA(DUSA)

New York, NY | 07/2024 - 05/2025

- Published article that convened **20 key stakeholders**, including the **President of the Dominican Republic and the Mayor of Santo Domingo**.
- Led UX research to design DUSAverse, increasing community **engagement by 25%** through VR-based esports.
- Conducted **30+ user interviews** via Zoom to gather insights on community connections, shaping research-driven design decisions.
- Co-developed VR frameworks with the **President of DUSA**, Manny Matos, incorporating **150+ culturally relevant learning modules**.
- Launched Q-up+, a startup to enhance esports participation, achieving **140 signups in the first month, with \$20K monthly revenue**.

UX Research Assistant, Interactive Systems Research Center, UMBC

Baltimore, USA | 01/2023 - 05/2025

- Designed a Learning Analytics Dashboard on Figma for PeerSIST program with GPD Dr. Andrea Kleinsmith and Dr. Karen Chen.
- Moderated **7 co-design workshops** with the stakeholders to understand the usability of the product.
- Analyzed **10K+ user interactions** on Google Analytics to prioritize high-impact features targeting outreach **to 50+ institutions**.
- Applied inductive coding and conceptual modeling to analyze **500 student survey** responses collected via **Qualtrics**.
- Designed **12 wireframes** and interactive prototypes using Figma, incorporating **WCAG 2.1 guidelines** to reduce accessibility **issues by 12%**.
- Graded assignments and exams for **30+ students**, ensuring rubric consistency and providing actionable feedback.
- Led **4 live 2-hour Figma** workshops, teaching prototyping and interface design to enhance hands-on learning.

Product Designer, Threads & Beads

Bangalore, India | 07/2022 - 12/2022

- Managed the digital transformation of Threads & Beads, a clothing boutique, transitioning from paper-based customer data management to a digital solution, increasing the **revenue by 34%, and reducing fabric wastage by 9%**.
- Designed the system by leveraging Machine Learning Models to automate fabric calculation, **reducing customer churn by 5%**.

Frontend Developer, Playpower Labs

Gandhinagar, India | 01/2022 - 06/2022

- Built [HALT-AD](#) with **AngularJS and TailwindCSS**, a bilingual educational platform to reduce dementia risk for **1,000+ older adults** by collaborating with design team, engineers, health experts, and business stakeholders, achieving **75% user adoption within the first month**.
- Implemented responsive and adaptive design principles, ensuring **99% cross-device compatibility**.
- Optimized frontend performance, reducing **page load time by 30%** using Content Delivery Networks(CDN).

Publications

- Javiya, P., Anthraper N., Iluru S., Kleinsmith A., Chen K., Co-designing a Learning Analytics Dashboard to Support Transfer Student Mentoring, [CHI LBW 2024](#).
- Javiya, P., Kleinsmith, A., Karen Chen, L., Fritz, J. Parsing Post-Deployment Students' Feedback: Towards a Student-Centered Intelligent Monitoring System to Support Self-Regulated Learning, [AIED 2024](#).
- Javiya, Prachee Alpeshkumar, et al. Supporting Computing Transfer Students Through Near-Peer Mentoring: Insights from Co-Design Studies for a Peer-Mentoring Support System. [HCLA Workshop LAK 2025](#).

Skills

- Design:** Interaction Design, Visual Design, UI/UX, Responsive Design, Accessibility, Design Systems, AngularJS, TailwindCSS
- Tools:** Figma, Sketch, Adobe Creative Suite, Miro, FigJam, Dovetail, Qualtrics, VSCode, Google Analytics
- Research:** User Flows, Wireframing, Prototyping, Strategic Product Thinking, User Testing, Information Architechture,

Education

Master’s in Human-Computer Interaction, University of Maryland, Baltimore County

Baltimore, USA | 08/22 - 05/24 | 3.9/4.0

Bachelor’s in Computer Science, Minor in Physics, Ahmedabad University

Ahmedabad, India | 08/18 - 05/22 | 3.3/4.0

Volunteering

- Keynote speaker at UMBC’s Community talk on Decoding a Decade of Feedback @ myUMBC's "Check My Activity".
- Math tutor in Reach Together Tutoring Program at University of Maryland, Baltimore county.
- Arcade Virtual Reality Volunteer at the Games for Change 2024 Festival, New York.
- Head of the Design team for Ahmedabad University's annual Tech Festival's social media and website.
- University Basketball women's team captain (4 years) at Ahmedabad University.