

Anusha Barua

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PROFESSIONAL SUMMARY

Graduate student pursuing a master's degree in Human Factors and Ergonomics, with a background in psychology and visual arts. Skilled in usability testing, user interviews, and survey development, with a focus on evaluating human-system interactions to improve usability, safety, performance, and user experience.

EDUCATION

San José State University

Master of Science in Human Factors and Ergonomics

San José, CA

August 2026 – May 2028

University of California, Riverside

Bachelor of Arts in Psychology | GPA: 3.39

Riverside, CA

September 2019 – June 2023

- **Awards/Honors:** Chancellor's Honors List, Dean's Honors List, Public Anthropology Award

RESEARCH AND TECHNICAL SKILLS

Research Skills: Usability Testing, Surveys, Data Synthesis, Interviews, Cross-Functional Collaboration, Organization, Attention to Detail, Problem-Solving, Communication

Technical Skills: Qualtrics, Figma, Adobe Creative Suite (Photoshop, Illustrator, InDesign), Canva, Procreate, Microsoft Office

Languages: English (Native), Bengali (Fluent), Spanish (Beginner)

PROFESSIONAL EXPERIENCE

Westview Services

Vocational Specialist

Long Beach, CA

July 2024 – July 2026

- Coached clients 1-on-1 to address workplace readiness gaps through analysis and tailored plans, resulting in clients achieving 90%+ success on key objectives
- Built trust among clients through consistent, client-centered support and adapted coaching based on individual strengths, leading to increased participation and long-term engagement

The Coder School

Front Desk Receptionist/Office Assistant

La Palma, CA

November 2023 – January 2024

- Delivered front-line customer service by actively listening, answering questions, and resolving issues to boost satisfaction
- Managed 30+ bookings and payments using in-house systems to improve administrative efficiency and daily operations

PROJECTS

Transit App Interface Analysis

- Evaluated the Transit mobile app using usability heuristics to identify interface inconsistencies and navigation barriers
- Identified user pain points across 7 participants through moderated task-based usability testing and Qualtrics surveys, focusing on trip planning and route searching
- Synthesized usability metrics and qualitative findings into a comprehensive HCI evaluation report, highlighting a 43% failure rate in route selection and developing evidence-based recommendations for interface redesign

Digital Invitation

- Designed a single-page invitation using semantic HTML/CSS, turning event requirements into a functional interface
- Enhanced interface usability by organizing limited event details into a cohesive layout with a clear visual hierarchy
- Prioritized accessibility and readability through clear typography, color contrast, and structured content to ensure guests can find key details at a glance

Negative Effects of Video Games in Adolescents

- Examined the link between violent video game exposure and adolescent behavior through a review of psychological studies
- Critically analyzed 4 peer-reviewed articles, weighing conflicting evidence linking violent gameplay to aggression
- Synthesized research findings into an academic poster, identifying violent video games as one contributing factor within a broader set of influences on adolescent aggression

CERTIFICATIONS

- Google UX Design – Build Wireframes and Low-Fidelity Prototypes (2026); Start the UX Design Process: Empathize, Define, and Ideate (2025); Foundations of UX Design (2025)
- IT Specialist – HTML/CSS | Certiport (2025); HTML/CSS | freeCodeCamp (2025)
- IT Business Operations – Professional Communication | Certiport (2024); IT Essentials | Cisco NetAcad (2024)