

EHSAN SHAH

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Gwadar, Balochistan - 91200, Pakistan

RESEARCH INTEREST

My research interests lie at the intersection of User Experience (UX) Design, Human-Computer Interaction (HCI), and Data-Driven Interfaces. I aim to design intuitive, accessible, and user-centered digital systems with applications in education, e-commerce, and smart technologies. My work emphasizes usability, accessibility, and evidence-based design practices to improve user engagement and interaction.

EDUCATION

- **University of Turbat**

Turbat, Pakistan

Bachelor of Science in Computer Science (16 years of education)

Jan 2017 – Dec 2020

◦ CGPA: 3.82/4.00

EXPERIENCE

- **University of Gwadar** 

Jan 2023 – Present

Lecturer in Computer Science

Gwadar, Pakistan

- Taught courses in Computer Science and ICT with emphasis on practical applications.
- Guided students in software development, UI design principles, and project-based learning.
- Supervised final-year projects, encouraging user-centered approaches and usability in system design.

- **Pak-China Technical & Vocational Institute Gwadar** 

May 2024 - Aug 2024

Computer Instructor

Gwadar, Pakistan

- Delivered applied training in computer applications, emphasizing ease of use, accessibility, and practical interface navigation.
- Designed teaching modules highlighting human-computer interaction (HCI) fundamentals to prepare students for real-world software usage.
- Mentored students in practical, design-oriented projects to improve their understanding of technology adoption.

RESEARCH PROJECTS

- **Smart Home Dashboard**

Final year project (2020)

University of Turbat, Pakistan

- Designed and implemented a user-friendly mobile interface for smart home automation, focusing on accessibility and ease of use for non-technical users.
- Applied UX design principles to optimize interaction and usability.

- **Community Digital Solutions, Gwadar**

2024-Ongoing

University of Gwadar

- Developed interface concepts for a fisherman support platform, helping local fishermen access catch timing, net usage, and logistics information via simple dashboards.
- Explored UI/UX challenges in resource-constrained environments, making technology more approachable for underprivileged communities.

CERTIFICATIONS

- **Google UX Design Certificate**

September 2025

- **Google Introduction to AI Certificate**

September 2025

- **Google IT Support Certificate**

October 2024

- **Google Data Analytics**

October 2024

- **Google Advanced Data Certificate**

October 2024

- **AWS Certified Solutions Architect - Associate certificate**

June 2022

- **EC-Council - Computer Hacking Forensic Investigator (CHFI)**

Apr 2022

HONORS AND AWARDS

- **Prime Minister's Laptop Award** 2019
Government of Pakistan
 - Awarded merit-based laptop for academic excellence.
- **Ehsaas Undergraduate Scholarship** 2018
Higher Education Commission (HEC), Pakistan
 - Fully funded merit-based scholarship for undergraduate studies.
- **YouTube Silver Play Button Award** 2023
YouTube (200,000+ subscribers channel) [🔗] Youtube.com
 - Built and managed a large digital platform, designing engaging content and optimizing user experience to attract and retain a global audience.
 - Gained hands-on experience in digital storytelling, audience interaction, and interface-based engagement metrics.

SKILLS

- **UI/UX & Design Tools:** Figma, Adobe XD, Sketch, InVision, Photoshop, Wireframing, Prototyping, User Flow Design
- **User Research & Testing:** Usability Testing, A/B Testing, Heuristic Evaluation, Persona Development, User Journey Mapping, Accessibility Evaluation
- **Front-End Development:** HTML5, CSS3, JavaScript (basic), Responsive Web Design, Bootstrap, Tailwind
- **Data & Analytics:** Google Analytics, Heatmaps, User Behavior Tracking, Data-Driven UX Improvements
- **Other Professional Skills:** Python (for automation/data tasks), SQL, MS Office Suite, Project Management, Teaching & Training
- **Other Tools & Technologies:** Google Workspace, LaTeX, Overleaf
- **Research Skills:** Literature Review & Academic Writing, Problem Formulation & Hypothesis Testing, Experimental Design & Data Collection, Data Analysis & Visualization, Presentation Skills
- **Soft Skills:** Strong collaboration, problem-solving, and communication skills.

VOLUNTEER & COMMUNITY ENGAGEMENT

- **Gwadar Community Initiative** 2024-Ongoing
 - Designed accessible digital and visual content, posters, and digital materials for awareness campaigns (education, drug-free society, clean water initiatives).
 - Applied UI/UX principles to create user-friendly materials that improved community outreach and engagement.

ADDITIONAL INFORMATION

Languages: English (Advanced), Urdu (Fluent), Balochi (Native)

Interests: Human-Centered Design, Inclusive Digital Systems, Creative Digital Storytelling