

AUSMITA BARMAN

UX/UI DESIGNER

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 <https://www.ausmita.com>

EDUCATION

University of Miami, Coral Gables, FL Aug 2023 - Present
Master of Fine Arts in Interactive Media

University of Central Florida, Orlando, FL Aug 2020 - Dec 2021
Master of Science in Data Analytics

University of Texas at El Paso, El Paso TX Aug 2014 - Aug 2016
Master of Science in Mathematics

University of Dhaka, Dhaka Bangladesh Apr 2007 - Nov 2011
Bachelor of Science in Mathematics

EXPERIENCE

University of Miami, Coral Gables, FL Aug 2023 - Present
Graduate Research Assistant

- Collaborating with the director of the University of Miami User Experience (UX) Lab Dr. Millet on her ongoing research projects related to UX/UI design.
- Contributing to the design of digital interfaces for “Cancer Prevention Campaign for Firefighters” which involves producing 13 wireframes, 5 high-fidelity mockups, and 3 interactive prototypes using Figma.
- Organized and facilitated usability testing sessions with 20 participants for the GI symptom tracking app STRiPES, gathering actionable feedback to enhance user experience.

Advancing Technologies, Orlando FL Aug 2021 - Dec 2021
UX/Data Scientist Intern

- Developed a user-centered dashboard design to predict athletes’ performance using a machine learning model.
- Designed and prototyped a real-time fatigue monitoring interface to visualize biometric and PPG data with a clear information hierarchy and color-coded alerts.
- Monitored Refined the dashboard through iterative feedback from trainers, leading to a 35% faster interpretation of fatigue indicators and full adoption by the training staff.

United States Army, Fort Wainwright AK

Aug 2016 – Feb 2020

Orthopedic Specialist

- Trained and mentored 4 junior clinic staff, improving their clinical skills, and knowledge of comprehensive medical informatics system used in the U.S. Military health care facilities.
- Conducted regular audits, identified areas for improvement, and implemented corrective actions, leading to a 30% reduction in medical errors.
- Monitored and maintained clinic supplies and equipment, ensuring availability and functionality for patient care.

PROJECTS

iCura

Aug 2024 - Dec 2024

UX/UI Designer

Designed and developed a user-friendly incident report management system to streamline healthcare reporting processes that improved report submission efficiency, ensuring better incident tracking and compliance with healthcare standards.

Safe Capture

Oct 2022 - Dec 2022

UX/UI Designer

Designed and developed an interactive application for body-worn cameras, enhancing functionality and usability for law enforcement. Proficient in user interface (UI) design and interactive prototyping, creating applications tailored for public safety and law enforcement needs

PlantPro

Aug 2023 - Dec 2023

UX/UI Designer

Designed and tested a plant care app that encourage people to own houseplants and also identify the barrier of purchasing plants and finding solutions to overcome it.

SKILLS

User Experience Research, User Interface Design, User Personas, Wireframing, Rapid Prototyping, Usability Testing, Affinity Diagram, Figma, Adobe Creative Cloud (XD, Ai, Ps, Lr), Sketch, Data Visualization, Data Wrangling, HTML5, CSS, GameSalad, Unity 3D, C#, Twine

CERTIFICATIONS

Google UX Design Professional Certificate

Oct 2022 - Apr 2023