

# AUSMITA BARMAN

## UX/UI DESIGNER

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## EDUCATION

<b>University of Miami</b> , Coral Gables, FL Master of Fine Arts in Interactive Media	Aug 2023 – Present
<b>University of Central Florida</b> , Orlando, FL Master of Science in Data Analytics	Aug 2020 – Dec 2021
<b>University of Texas at El Paso</b> , El Paso, TX Master of Science in Mathematics	Aug 2014 – Aug 2016
<b>University of Dhaka</b> , Dhaka, Bangladesh Bachelor of Science in Mathematics	Apr 2007 – Nov 2011

## EXPERIENCE

<b>University of Miami</b> , Coral Gables, FL Graduate Research Assistant	Aug 2023 – Present
<ul style="list-style-type: none"><li>• 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.</li><li>• 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.</li><li>• Organized and facilitated usability testing sessions with 20 participants for the GI symptom tracking app STRiPES, gathering actionable feedback to enhance user experience and user satisfaction.</li></ul>	
<b>Advancing Technologies</b> , Orlando FL UX/Data Scientist Intern	Aug 2021 – Dec 2021
<ul style="list-style-type: none"><li>• Applied agile principles to develop an innovative user-centered dashboard design to predict athletes’ performance using a machine learning model and user research.</li><li>• Designed and prototyped a real-time fatigue monitoring interface to visualize biometric and PPG data with a clear information hierarchy and color-coded alerts.</li><li>• 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.</li></ul>	

**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

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**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

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User Experience Research, User Interface Design, User Research, User Personas, Wireframing, Rapid Prototyping, Usability Testing, Affinity Diagram, Front-end development, Figma, Adobe Creative Suit (Xd, Ai, Ps, Lr), Sketch, Data Visualization, Data Wrangling, HTML, CSS, GameSalad, Unity 3D, C#, Twine, JIRA

## CERTIFICATIONS

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Google UX Design Professional Certificate

Oct 2022 – Apr 2023