MITALI BHOSEKAR

220 Elm St, #504, Clemson, SC, 29631 | mbhosek@g.clemson.com | +1 864-650-0852 | www.linkedin.com/in/mitalibhosekar

EDUCATION

School of Computing, Clemson University, USA   **2021-2022**
Master in Computer Science
MES Pillai College of Engineering, University of Mumbai, India   **May 2018**
Bachelor of Engineering in Computer Engineering

TECHNICAL SKILLS

Programming Languages: Python, Circuit Python, C, C++, Java, R; **Databases**: MySQL; **Web Technologies:** HTML5, CSS3, Bootstrap; **Software:** Tableau, Figma, Balsamiq, R Studio, LaTeX

PROFESSIONAL EXPERIENCE

***Graduate Research Assistant, School of Computing**, Clemson University (Python)*   **Aug 2021 - present**
- Implemented embedded systems using Circuit Python to contribute to Tangible Embodied Interactive surfaces in the Human Centered Computing Department.
- Research regarding effective tangible surfaces, scope, implementation and design analysis.

***Associate Business Analyst - Global Delivery**, Zycus Infotech Pvt. Ltd, SEEPZ, Mumbai*   **Nov 2018 - Dec 2019**
S2P (Source to Contract) Requirement and Configuration Analyst
- Implemented Zycus designed system solutions for Supplier, Contract and Performance Management for clients like KERZNER Corporate (Dubai UAE) and TECOM Investments (Dubai UAE).
- Developed configuration, integration and design Strategies for existing clients' ERP systems to Zycus Modules by process of gathering requirements effecting in seamless system interactions.
- Developed to convert Kerzner's entire supplier onboarding from a manual to an automated process resulting in period cost reduction of about $40,000.

ACADEMIC PROJECTS

Awards Management System for Glenn College of Civil Engineering (User Experience)   **Aug 2021 - Present**
- Implemented the first phase Involving data collection via Semi- Structured interviews, Active Observational Studies.
- Converted Customer statements to need statements and analyzed Hierarchy of Needs via Surveys.

Movie Recommendation System (Figma, Balsamiq).   **Jan 2021 – May 2021**
- Conducted Focus Setting sessions, Contextual Inquires, Affinity Models as a part of the Phase 1.
- Constructed Consolidated Vision, Product Concepts on Figma, Cool Drill Downs, Personas and Scenarios as Phase 2.
- Created Storyboards and General Transition of Network from the Product Concepts as Phase 3.
- Wireframing via Balsamiq, conducted Think aloud Testing on the wireframes using participants and generated Usability Aspect Report of shortcoming of the wireframes as Phase 4.

EMPOWER, Female Feticide Information tangible (Unity, Blender, Python, Raspberry Pi)   **Jan 2021 - May 2021**
- Designed a Female Feticide information Tangible capable of glowing in indicative colors for female feticide rates for various countries on Unity.

Tour Planner Using Recommendation System (JavaScript)   **Nov 2017 – May 2018**
- Developed login pages with user questionnaire to collect user information and preferences.
- Implemented a rating system to get a user evaluation of each user's experience.
- Designed and developed a recommendation engine to predict the similarity of likeliness for prospective users using the ratings, meal packages and demographics.

CERTIFICATIONS

R programming from **Udemy**   **Sept 2018**
- Covered Basics of R Programming with Vectors, Matrices, Functions, Data Frames and GGplot visualizations.

Data Foundations Nanodegree Certification from **Udacity** (https://tabsoft.co/2DskjUA)   **Oct 2018**
- A data processing certification which included projects using MS-Excel, MySQL and Tableau.
- Project: Visualizing YouTube trending data on Tableau using Kaggle dataset and presenting likes, dislikes and view insights for different categories of videos.

EXTRA CURRICULAR ACTIVITIES

Web administrator at **Clemson Indian Student Association**   **July 2021 - Present**
Community Service Director at **Rotaract Club of Navi Mumbai Sunrise** (https://bit.ly/33DaQV0)   **July 2020 – July 2021**