



Aakanksha Parameshwar

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EDUCATION:

University of Michigan, School of Information

Master of Information in Human Computer Interaction

Apr '18

B. M. S Institute of Technology, India

Bachelor of Engineering in Computer Science and Engineering

Jul '14

WORK EXPERIENCE

AR/VR applications specialist | University of Michigan 3D Labs Sep '16 - Present

Working on improving the augmented reality experience of an incubator project which helps surgeons visualize the sub-surface body structures

Technical Associate (Developer) | Abyeti Technologies Pvt Ltd Jul '14 - Jul '16

Enhanced the functionality and User Interface for client's core products through feature additions and bug-fixes

Software Developer Intern | Abyeti Technologies Pvt Ltd Feb '14 - May '14

Redesigned and developed a property inspector for one of the client's core products using backbone.js.

Front-end Design Intern | Campus Diaries Jun '13 - Aug '13

Worked on design and development of User interface of Campus Diaries website

PROJECTS/ WORKSHOPS:

Interaction Designer | Interaction Design Project, UM Sep '16 - Present

Designing a smart recycle bin and its underlying interactions for educating families about waste management, recycle and reuse

UX Researcher | Contextual Inquiry Sep '16 - Present

Conducted extensive user research & created affinity wall to find solutions for the existing UM Library services

Interaction Designer | Acoustic Tracker Project Sep '16

Designed and developed an application to visualize the acoustic data based on actions 'tap' and 'scratch'

Interaction Designer | GyrAcc Visualization Project Oct '16

Developed an application to visualize the direction of an object's movement in 3D space using the gyroscope/accelerometer data from an android phone

UI Developer | Face Recognition Application, BMSIT Feb '14 - May '14

Conducted extensive research on existing face recognition algorithms. Designed and developed a GUI to allow users to test, analyze and compare algorithm's effectiveness

UI Developer | Textor - Computer Graphics Project, BMSIT Feb '13 - May '13

Designed and developed a GUI for a text editor using C++ and OpenGL library

SKILLS

Design Skills:

Contextual Inquiry, Interaction Design, Paper Prototyping, Storyboarding, Web Development, Web Design, Sketching

Tools & Technologies:

Adobe InDesign, HTML, CSS, JavaScript, Flask web framework, Python, JAVA, C++, OpenCV, Glassfish, Apache Servicemix, Jersey, Hibernate, Oracle, Postgres

RELEVANT COURSES

- Introduction to Interaction Design
- Fundamentals of Human Behavior
- Contextual Inquiry and Consulting Foundations
- Engineering Applications of Media Technology: Movement in Interaction Design

AWARDS/RECOGNITION

- Organisation Committee Head at Abyeti Technologies Pvt Ltd, India for the period Jul. 2014 - Mar. 2015
- Winner at Pencil Sketching at UTSAHA 2013, an Inter-college Fest organized by BMSIT every
- Runner-up in shuttle badminton at UTSAHA 2011
- Winner in Pushpa Alankara competition at ISKON (International Society for Krishna Consciousness) Heritage Fest.