ARCHANA RAMESH

• UX Designer   • UX Researcher   • Front-end Dev

archanaramesh87@gmail.com
ar2693@g.rit.edu

archanaramesh.me
585-993-4145

EXPERIENCE

Pullano & Company
UX Designer & Front-end dev (Feb 2018 - May 2018)
Redesigned and developed the website for the medical insurance company as part of the Web development course at RIT.
Performed **user research**, developed **personas** and **wireframes** as part of the design process.

Pearit
UX Design Intern (May 2017- Aug 2017)
Performed **heuristic evaluation** and **user research** to design the **wireframes** and **prototypes** for Pearit's website - Intern magic.

Bergen Swamp preservation society
UX Researcher (Feb 2017 - May 2017)
Conducted **usability testing** on the website after initially performing **heuristic evaluations** and recruiting participants using screeners and flyers.

National Aerospace Laboratories
Intern (Jan 2016 - May 2016)
Project: Surface defect detection on Aircraft structures using Image Processing
Developed software using Java and Matlab to detect dents on aircraft structures and estimate its depth.

Indian Institute of Science
Intern (Jan 2015 - July 2015)
Project: Android Application for Ultrasonic based Testing
Developed an Android app and designed its front end for processing different kinds of signals to generate graphs indicating the distribution of their samples.

EDUCATION

M.S. in Human Computer Interaction
Rochester Institute of Technology
Aug 2016 – Present
GPA: 3.63

B.E. in Information Science
R. V. College of Engineering, Bangalore, India.
Sept 2012 – May 2016

SKILLS

UX: Contextual Inquiry, Heuristic Evaluation, User Research, Affinity Diagrams, Personas, Wire-framing, Prototyping, Storyboarding, Sketching, Usability Testing, Qualitative and Quantitative Analysis

Design Tools: Balsamiq, MockPlus, Marvel, Adobe Photoshop, Adobe Experience Design, Principle, Axure, Invision, Sketch, Proto.io

Web Development: HTML, JavaScript, CSS, JQuery, PHP, Bootstrap, XML

Programming & Databases: Java, C++, MongoDB, Neo4J, SQL, MySQL

PROJECTS

Usability study of multi-user movie-screening VR app (Feb 2018 – Present)
Performed **usability study** on a virtual reality application which allows people to watch movies together in a virtual environment.
Based on the results of the study, **design modifications** will also be suggested.

Bangalore website (Jan 2018 – May 2018)
Designed and developed a tourism website for the city of Bangalore, India using **HTML**, **CSS**, **JS**, **PHP**, **JQuery**, **AJAX**, and **Bootstrap**.

Coaster Crunch (Sept 2017 – Dec 2017)
This application prototype aims to solve the most common problem that big amusement parks face today, i.e. long wait times for rides, by introducing a digital fast pass system as well as other additional features.
Conducted **user interviews**, created **affinity diagram**, **personas**, developed **wireframes** and **prototypes**.

Voice Assistants study (Sept 2017 – Dec 2017)
This project aims at studying how productive are voice assistants for academic purposes.
Performed **qualitative analysis**, **quantitative analysis**, and **experimental research** on the data collected by interviewing students at RIT.

Heuristic Evaluation of Virginia's EZ pass website (April 2017 - May 2017)
Perform **heuristic evaluation** of the Virginia's EZ Pass website.
The evaluation resulted in a list of **27 usability and accessibility issues**.

Project – Accoutre (Feb 2017 - May 2017)
Designed an app that would assist people to choose clothing based on the weather conditions and fashion trends.
Performed **contextual inquiry**, built the **flow** and **sequence diagrams**, built the **artifact, culture, physical and consolidated sequence models**, and created the **affinity diagram**.
Developed **low-fidelity** and **hi-fidelity prototypes** and created **story boards**.

Google Maps Study (Feb 2017 - May 2017)
In this study, Google maps was evaluated by observing and interviewing users.
Performed **heuristic evaluation**, **field observations**, **contextual inquiry**, conducted **interviews**, created **personas**, and performed **story boarding**.

Twitter Project (Oct 2016 - Dec 2016)
Developed an application using Java Swing and MongoDB which fetched records of customers from a twitter database related to a given input keyword.

Course Outcome Mapping (Jan 2015 - May 2015)
Designed and developed a web application for the course outcome mapping system for R. V. College of Engineering, Bangalore.