Manikandan
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WORK & RESEARCH

The Designers of Interactive, Intelligent, Internet of Things (DoIIIT) Lab - UM | Research Assistant

Jan 2017 - Present

Assisting a PhD candidate in designing the interaction of a soundscape composition tabletop tool to enhance imaginative storytelling with tangible objects.

University of Michigan College of Literature, Science, and the Arts (LSA) | Consultant

Sept 2016 - Present

Lead Designer and Rapid Prototyper for LSA faculty research projects and LSA Information Technology Services

University of Michigan Information Interaction Lab (MI2) | Research Assistant

Sept 2016 - Dec 2016

UX Researcher in computer vision and voice based interactions with Kinect v2.

Ernst and Young LLP, Chennai, IN | Senior Analyst

July 2015 - July 2016

- Designer and Developer for EY Innovation center and EY Security Operations center.
- Facilitated Design thinking with Partners and Managers.

Ernst and Young LLP, Chennai, IN | Analyst

July 2014 - July 2015

Performed manual and automated vulnerability analysis and penetration testing activities.

Simple Labs, Chennai, IN | Intern

Summer 2013

Technologist/maker/tutor of creative coding using hardware prototyping platform (Arduino).

PROJECTS

Term Report | UX Design and Development

Jan 2017 - Present

Designed and Developed the frontend of a terminal session sharing webpage for LSA Information Technology Services

G2 Crowd | UX Research and Evaluation

Jan 2017 - Present

Conducting usability tests, interviews (user and stakeholder) and Surveys to evaluate the UX of the Client's website.

Rakshaa | Interaction Design

Sept 2016 - Dec 2016

Designed and Prototyped the Interactions of a Mobile Application to foster Women safety, Civic engagement and social responsibility of women in India.

Olegoru | Tangible Interaction Design

Jan 2017 - Present

Using Openframeworks to detect tangible objects on tabletop surfaces for digital storytelling.

EDUCATION

University of Michigan School of Information | Ann Arbor, MI

Master of Science in Information - Human Computer Interaction (HCI)
GPA - 3.92

B.S.Abdur Rahman University | Chennai, India

Bachelor of Technology - Electronics and Communications Engineering
GPA - 8.9

SKILLS

Web Dev:
HTML, CSS, Javascript, PHP

Design & Prototyping:
Sketch, Principle, Illustrator, Origami, Flinto, Framer.js, Proto.io, Invision, Arduino, RaspberryPI.

UX Methods:
Brainstorming, Personas, Interviews, Storyboarding, Affinity Mapping, Usability Testing, Focus groups, Need finding.

LEADERSHIP AND AWARDS

EY Excellerator Award | 2016
Winners - Madras Mossaic (EY Cultural Event) | 2015
Ey Mentorship Program | 2015
President Robotics Club | 2012-2014
Captain Cricket Team | 2010

LINKED IN

https://www.linkedin.com/in/kvmani