

Manikandan Kandadai Venkatesh

kvmani@umich.edu
manikandan-k-v.com
(734) 846 1196

WORK & RESEARCH

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

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

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

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

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

Ernst and Young LLP, Chennai, IN | Senior Analyst

- 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

Performed manual and automated vulnerability analysis and penetration testing activities.

Simple Labs, Chennai, IN | Intern

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

PROJECTS

Term Report | UX Design and Development

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

G2 Crowd | UX Research and Evaluation

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

Rakshaa | Interaction Design

Designed and Prototyped the Interactions of a Mobile Application to foster Women safety, Civic Engagement and Social Responsibility of women in India.

UM Student Life | Contextual Inquiry

Conducted Contextual Interviews and created Affinity Wall to identify problems affecting the client's fundraising efforts.

Jan 2017 -
Present

Sept 2016 -
Present

Sept 2016 -
Dec 2016

July 2015 -
July 2016

July 2014 -
July 2015

Summer
2013

Jan 2017 -
Present

Jan 2017 -
Present

Sept 2016 -
Dec 2016

Sept 2016 -
Dec 2016

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, Heuristic Evaluation, Interaction Map.

LEADERSHIP AND AWARDS

EY Excellerator Award | 2016

Winners - Madras Mosaic (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>