

Manikandan Kandadai Venkatesh

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EDUCATION

UNIVERSITY OF MICHIGAN

MASTER OF SCIENCE IN INFORMATION

Focus : Human-Computer Interaction

Expected : April 2018 | Ann Arbor, MI

BS ABDUR RAHMAN UNIVERSITY

BACHELOR OF TECHNOLOGY IN

ELECTRONICS AND COMMUNICATION

ENGINEERING

Grad. Oct 2014 | Chennai, India

GPA: 8.9/10

COURSEWORK

Introduction to Interaction Design

Integrated Product Development

Intermediate Python

Needs assessment and Usability Evaluation

Information Architecture

Fundamentals of Human behavior

Contextual Inquiry

SKILLS

UX METHODS

Brainstorming • Contextual Inquiries

Storyboarding • Focus groups

Affinity Mapping • Usability testing

Need finding • Interaction Maps •

Heuristic Evaluations

DESIGN & PROTOTYPE

Sketch • Principle • Adobe CC • Origami

Flinto • Framer.js • Proto.io • Invision

Arduino • RaspberryPI • Digital Fabrication -

3D printing • Laser Cutting • Rhino

WEB & SOFTWARE DEV

HTML • CSS • Javascript PHP • Python

C++ • OpenFrameworks • Processing

LEADERSHIP & AWARDS

2016

EY Excellerator Award

2015

Winners - Madras Mosaic
(EY Cultural Event)

2015

EY Mentorship Program

2012-2014

President Robotics Club

2010

Captain Cricket Team

LINKS

Portfolio:// manikandan-k-v.com

LinkedIn:// [kvmani](https://www.linkedin.com/in/kvmani)

EXPERIENCE & RESEARCH

UNIVERSITY OF MICHIGAN COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS (LSA) | CONSULTANT

Sept 2016 – Present | Ann Arbor, MI

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

DOIIIIT MAKER SPACE | RESEARCH ASSISTANT

Jan 2017 - Present | Ann Arbor, MI

- Interaction Design Researcher and Rapid Prototyper for enhancing imaginative storytelling for children (6-8 yrs old) using tangible objects on tabletop surfaces.

UNIVERSITY OF MICHIGAN INFORMATION INTERACTION LAB (MI2) | RESEARCH ASSISTANT

Sept 2016 – Dec 2016 | Ann Arbor, MI

- UX Researcher in visual tracking and voice based interactions with Microsoft Kinect v2.

ERNST AND YOUNG LLP | SENIOR ANALYST

Sept 2015 - July 2016 | Chennai, IN

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

ERNST AND YOUNG LLP | ANALYST

July 2014 - Sept 2015 | Chennai, IN

- Performed manual and automated vulnerability analysis and penetration testing activities.

PROJECTS

TERM REPORT | UX DESIGN AND DEVELOPMENT

Jan 2017 – Present | Ann Arbor, MI

Conducted user research, designed and prototyped the front-end of a terminal session sharing Web Portal for LSA Information Technology Services

RAKSHAA | INTERACTION DESIGN

Sept 2016 – Dec 2016 | Ann Arbor, MI

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

G2 CROWD | UX RESEARCH AND EVALUATION

Jan 2017 – Present | Ann Arbor, MI

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

KINECT-NINJA (VR GAME) | NATURAL USER INTERFACE AND VR

Nov 2016 | Ann Arbor, MI

Designed the Interactions of a VR game with Microsoft kinect and prototyped a Mobile application using Unity 3D and Google Cardboard SDK