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 Mossaic (EY Cultural Event)
2015	EY Mentorship Program
2012-2014	President Robotics Club
2010	Captain Cricket Team

LINKS

Portfolio:// **manikandan-k-v.com**
LinkedIn:// **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.

DOIIIT 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 & FRONT-END 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 & 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 & 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