



ABHISHEK DEWAN

UX Engineer | Prototyper | Cook



www.abhishekewan.com



<https://www.linkedin.com/in/abhishekewan>



abhishek.dewan101



adewan@umich.edu | 707.863.1473

Education

University of Michigan - Ann Arbor, MI April 2015

MSI - Human Computer Interaction | GPA 3.7/4
Interaction design, Personal informatics, Information visualization, Usability testing

University of Bristol - Bristol, UK Sep 2013

MSC - Advanced Computing | GPA 3.7/4
Machine learning, Data mining, High performance computing

Work Experience

Samsung Research America - UX Engineer - May 14 - Sep 14

Worked with UX design team to provide high fidelity prototypes.

SNRE, Univ of Michigan - Android Developer Jan 14 - May 14

Principal android developer developing android data collection app.

Projects

Am I Native Enough? - CHI SDC

Aim: Enable people to be able to connect with their culture.
Result: Minowe: Online community to help connect to the culture through teaching and learning of Ojibwe.

Indoor Location Tracking - Android

Aim: Derive contextual information from bluetooth beacons.
Result: Indoor location tracking algorithm created and applied to the field of proximity based systems. Patent has been applied for the algorithm.

Revocable Proximity based Sharing - Android/ Rails

Aim: Create a file sharing platform based on proximity.
Result: Working prototype able to share photos using bluetooth proximity across multiple Samsung consumer electronic devices.

Farmington Hill Community Library - Contextual Inquiry

Aim: Help improve volunteer hiring process at the library.
Result: Wholesome set of recommendations both short term and long term.

GLU - Social Interaction Design

Aim: Improve intercultural exchanges between University students.
Result: GLU - Social Interaction platform that allows for anonymous exchanges circumventing the shyness associated with intercultural exchanges.

School Hazard Visualization - Information Visualization

Aim: Visualize information regarding hazards in school districts in MI.
Result: Interactive D3 based map, showing schools and various hazards associated with each school in Michigan.

Career Resource Center Website - Usability Testing

Aim: Help improve student traffic to the website through usability testing.
Result: Set of recommendation offered to the website managers that recently have been implemented by the managers of the website.

Research and Design

Affinity Walls

Wire Framing

Visual Design

Storyboarding

Usability Tests

Interaction Maps

Empathy Mapping

Contextual Inquiry

Heuristic Evaluation

Persona and Scenario

Competitive Evaluation

Prototyping



Axure



Balsamiq



OmniGraffle



Photoshop



Illustrator



Framer.js



Keynote



Android



MongoDB



Rails



MySQL



jQuery



Node.js



Ionic



Angular



Polymer



HTML, CSS, JS

Awards

CHI Student Design Competition

One of the top 12 finalist for CHI SDC 2015.

Patent Application

Patent application filed with Samsung for indoor location tracking algorithm.