

SHIVIN SAXENA

UX DESIGN & RESEARCH / SHIVINSAXENA.COM

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EDUCATION

M.S. HUMAN COMPUTER INTERACTION

Indiana University, IUPUI - May 2015

B.E. COMPUTER ENGINEERING

Pune University, India - June 2012

PROFESSIONAL EXPERIENCE

USER EXPERIENCE DESIGNER & RESEARCHER, CONSULTANT

Virtusa (Client: Eli Lilly & Co.) | Nov 2015 - Present

- Consults as part of a client's UX team of highly trained professionals engaged in development of a wide portfolio of digital healthcare tactics for consumer (patients, caregivers & healthcare professionals) products.
- Assisted in the creation of carefully articulated and tested UI patterns, grounded in research, that form the foundations of the Lilly Design System.
- Designed wireframes, high fidelity mockups and interactive prototypes to illustrate and test proof of concepts, novel interactions and user flows.
- Collected & analyzed user behavior, feedback and performance through usability testing of digital artifacts, interviews, surveys, A/B tests and recorded eye tracking data. Reported on the effectiveness of the tested designs through heuristic reviews, heatmaps, gazeplots and, data driven insights. Offered design recommendations to fix uncovered usability concerns.

UX RESEARCH ASSISTANT

IUPUI (Philanthropic Informatics Research) | Aug 2013 - May 2015

- Worked with the Philanthropic Informatics Research lab led by Dr. Amy Volda. Conducted user research within the blogger community, developed a web-crawler and interactive visualization prototype using JavaScript and D3.js to explore internal blogging networks.

UX RESEARCHER (STUDENT CONSULTANT)

IUPUI + Pearson Education | Aug 2014 - Dec 2014

- Worked with two students and Mathspace's product team to redesign the math learning app's core screens to incorporate gamification and a growth mindset driven approach to assignments and rewarding success.

COLLABORATIVE & SOCIAL COMPUTING, TEACHING ASSISTANT

IUPUI (School of Informatics & Computing) | Aug 2014 - Dec 2014

- Assisted and evaluated learning for graduate students for core HCI class 'Collaborative & Social Computing' taught by Dr. Amy Volda.

SOFTWARE ENGINEER

Persistent Systems Ltd. (Client: Yahoo) | Dec 2012 - July 2013

- Worked as part of a development team to manage the client's distributed ad-server needs using Java, Hadoop, Perl and Red Hat Linux.

SKILLSET

UX METHODS

Wireframing
Usability Testing
Eye Tracking
Storyboarding
Interactive Prototyping
Persona Creation
Heuristic Evaluation
Affinity Diagramming
Card Sorting
Journey Mapping
Quantitative Test Metrics

TOOLS & FRAMEWORKS

Sketch, InVision, Axure, UXPin, Balsamiq, Bootstrap, Adobe CC, Brackets, Github, Tobii, Clicktale, Google Analytics

UI DEVELOPMENT

HTML 5, CSS 3, SASS, JavaScript, jQuery, AngularJS, D3.js

PROJECTS

Please visit my online portfolio at shivinsaxena.com to view all featured projects.

PUBLICATIONS

Holes, Pits, and Valleys: Guiding Large-Display Touchless Interactions with Data-Morphed Topographies, (poster) Ubicomp 2014.

Gestuelle-A System to Recognize Dynamic Hand Gestures Using Hidden Markov Model to Control Windows Applications, IJCA-International Journal of Computer Applications, Volume 62, No. 17, Jan-2013.