



Navdeep Singh Bagga

UX Engineer seeking full-time opportunities starting Summer 2018

navdeepb@umich.edu

+1 (734) 881-0877

www.navdeepsb.com

EXPERIENCE

Research Assistant (UX Engineer) at U-M

Ann Arbor, MI | Sep 2017 - present

In charge of data mining, information visualization, UX design & front-end development for a NIDILRR-sponsored project's web-based interface. Primary focus to generate insights from data corresponding to para-transit ridership in the Ann Arbor area.

Teaching Assistant (Graphic Design) at U-M

Ann Arbor, MI | Sep 2017 - present

Assisting a batch of 33 students with introduction to graphic design & visual communication. Responsible for grading assignments, keeping in mind the importance of form & content in graphic design.

Product Design Intern at Duo Security, Inc.

Ann Arbor, MI | May 2017 - Aug 2017

Delivered a new feature to take care of lost/stolen devices through an enterprise administration console. Moderated a usability test session.

Front-End Developer at Kore, Inc.

Hyderabad, India | Nov 2015 - Jun 2016

Worked on the front-end of Kore web app's enterprise administration console which was used by more than 20 clients. Refactored & created new web components in a custom jQuery framework using Handlebars.

Co-Founder at merainstitute.com

Indore, India | May - Sep 2015

Designed & developed the front-end of the website in 3 weeks using Backbone, jQuery, Grunt, Handlebars and SASS. Handled product branding and negotiated with prospective clients too.

Software Developer at ClearTrail Technologies

Indore, India | Jul 2013 - Apr 2015

Designed & developed web audit reports. Improved the efficiency of an HTML to PDF converter by 10%. Also maintained an alert manager windows service written in C#.

SKILLS

UX : Needfinding, Brainstorming, Personas, Surveys, Sketching, Storyboarding, Lo-fi & Hi-fi Prototyping, Usability Studies

Dev : JavaScript, HTML5 + CSS3, jQuery, React, Webpack, Grunt, SASS

Visual Design : Adobe Illustrator, Sketch, Adobe XD

EDUCATION

University of Michigan School of Information

M.S. Candidate in Information, 2018 (HCI)

Shri G.S. Institute of Technology & Science

Bachelor of Engineering, 2013 (Comp. Engg.)

PROJECTS

Worthy

Ann Arbor, MI | Sep 2017

Personal project for micro-managing budget that takes into account a user's worth rather than their actual physical bank balance(s). Prototyped the web app after thoroughly researching the problem.

Usability Evaluation of Expedia

Ann Arbor, MI | Jan - Apr 2017

Evaluated Expedia's iOS app v8.4's Bundles feature to understand needs assessment & usability evaluation. Proposed solid recommendations to improve the app even more.

Market Research for Audiovate

Ann Arbor, MI | Jan - Apr 2017

Conducted market research & customer discovery for this music-based workout technology. Applied UX principles to come up with a market strategy for the client.

Run Finder

Ann Arbor, MI | Sep - Dec 2016

Designed an informed running smartphone app to address the needs of novice runners. Implemented best UX practices & iterated frequently to accommodate feedback & refine the interactions.

BadgerJS

Indore, India | Jun 2015

Developed a highly customizable JavaScript notification library for webpages in 2 days from scratch. Displays notification cards on top of screen to not disturb the current DOM structure.