

Sameer Srivastava

UI/UX Design &
Web Developer

Portfolio

sameersrivastava.com

Contact

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EDUCATION

Northwestern University (Evanston, IL)

Sep 2013 – Jun 2017

Cumulative GPA: 3.69

Bachelor of Science in Computer Science and Mechanical Engineering

Relevant Coursework: Human Computer Interaction, Interaction Design, and Tangible Design

EXPERIENCE

Delta Lab, Designer, Researcher, and Developer (Evanston, IL)

Jan 2016 – Jun 2017

- Developing a system to support undergraduate researchers make realistic and value-delivering research plans
- Designed over 60 user interfaces that ranged from sketches, to paper prototypes, to functional web interfaces
- Conducted over 20 iterative rounds of interface testing and building with 15-20 total users

Northwestern University, Design Coach for Interaction Design Class (Evanston, IL)

Nov 2016 – Mar 2017

- Co-creating new agile design curriculum to teach interaction design to graduate students
- Lecturing and mentoring graduate students through design sprints for client interaction design projects

Shmoop, Web Development Intern (Mountain View, CA)

Jun 2014 – Sep 2015

- Worked as a member of a full-time agile software engineering team using JavaScript, Sass, PHP, and Git
- Wrote translation algorithm for translating English into "Shakespearean"
- Implemented Object-Relational Mapping in PHP to store user statuses in a MySQL DB for new Courses product

SELECTED PROJECTS

Muse – Universal Music Player App

Jan – Mar 2017

UX Design/Prototyping Project

- Designed and sketched a music player mobile app that combines music services such as Spotify and SoundCloud
- Created more than 20 views in Sketch and used Marvel to prototype interactions for usability testing

College Student Volunteer Interface Design

Jan – Mar 2016

Class: EECS 330 Human Computer Interaction

- Conducted user research (interviews, personas, and storyboards) for a college student volunteering interface
- Built functional web interface of representative user tasks refined from sketches and paper prototype user tests

Shmoop Online eBook Reader

Jun – Sep 2014

Client: Shmoop.com

- Sketched wireframes and designed mockups in Balsamiq for a proof-of-concept online book reader
- Created web prototypes with jQuery, Bootstrap 3, and Sass and ran numerous rounds of usability testing
- Built a template view in PHP to populate with book data and Shmoop content from a SQL database

Adoption Agency Waiting Room Design

Jan – Jun 2015

Client: The Cradle (Adoption Agency); Club: Design for America

- Co-led a team of six students through the design process to create a new adoption agency waiting room design
- Conducted interviews with birth and adoptive parents, staff, and children to understand their pain points
- Presented a final budget and design in SketchUp to The Cradle for future implementation

ACTIVITIES

Design for America (DFA)

Sep 2013 – Jun 2017

Co-President (Mar 2016 – Mar 2017), Design Workshop Lead (Jan 2015 – Mar 2016), & Team Lead (Sep 2014 - Jun 2015)

- Co-leading 80 students on project teams to use human-centered design to solve problems in the community
- Organized first Spring Design Expo at Northwestern with over 50 student presenters on interdisciplinary teams
- Coordinated critiques and taught weekly workshops on the design process and technical skills to project teams

SKILLS

Design methods

- User interviews, Surveys, Ethnographic research, Storyboards, Personas, Journey maps, Systems diagrams
- Sketch App, Balsamiq, Marvel App, Wireframes, Sketching, Paper prototypes, Wizard of Oz testing, Usability testing

Programming

- Proficient – HTML, CSS, Sass, JavaScript, React, PHP, Python, Git and UNIX
- Familiar – AngularJS, C, C++, Java, MySQL, and MATLAB

Prototyping

- Basic machinery, mills, lathes, welding equipment, CNC machines, 3D printers, and laser cutters
- Engineering drawings and 3D models with GD&T in CAD – AutoCAD, SolidWorks, Creo, and NX
- Microcontrollers – Arduino, Raspberry Pi, and PIC32 with sensors, motor control, and USB I/O