

Education

Stanford University, Class of 2017 (B.S. Computer Science)

Relevant Coursework: User Interface Design and Evaluation; Interaction Design Studio; Web Applications; Fundamental Visual Design Language; Computer Systems and Architecture; Software Design; Programming Abstractions; Discrete Math; Linear Algebra; Probability Theory.

Work Experience

UI/UX Designer, EagerPanda (Summer '13, Winter '13-'14, Summer '14)

EagerPanda is a startup whose mission is to capture, organize and disseminate all of human knowledge. I designed interfaces for various components of the web product. (<http://eagerpanda.com/>)

Projects

L'accompanier

L'accompanier is live accompanier for keyboardists on the drums and bass. I implemented a system which "listens" to what one is playing on a MIDI keyboard, and attempts to synthesize accompanying drums and bass, adapting your musical style on the fly. (<https://ccrma.stanford.edu/~trijeetm/l'accompanier/>)

Flow

Flow is an iOS app that helps creators organize and improve their creative processes by providing them with a tool for cataloging inspiration, brainstorming and breaking down their project into smaller tasks and scheduling them. I designed paper and digital mobile interfaces and developed a hi-fidelity prototype. (<http://stanford.edu/class/cs147/projects/creation/flow/>)

Ba-dum-tss!

Ba-Dum-Tss is a step sequencer which allows one to sequence drum beats, bass notes & chords. It provides a simple interface such that people with minimal musical background could create music. (<https://ccrma.stanford.edu/~trijeetm/ba-dum-tss/>)

Alan's Psychedelic Breakfast

Alan's Psychedelic Breakfast is a visualizer for real-time audio. I implemented a system which analyzes mic input and learns characteristics of the sound, and uses this data to create "trippy" visual effects. (<https://ccrma.stanford.edu/~trijeetm/alan's-psychedelic-breakfast/>)

hack-dj

A platform to crowdsource playlists and stream them for live events like parties, hackathons, restaurants. The app allows one to create playlists which people nearby can join, and then add and upvote songs, and the app would play the top requested song. Developed at LAHacks using ExpressJS/Compass/Jade and Spotify API.

Quizr

Started at a hackathon in IIT-Delhi in the summer of 2012 with some high school friends, Quizr is a platform for modern quizzing enthusiasts where you can create quizzes, share them with your friends, and attempt other quizzes yourself. I was lead designer and front end developer for the project, and responsible for the front end team. Winner at /isa (hackathon at IIT-Delhi). (<http://quizr.me/>)

Sudocrypt

Developed and hosted Sudocrypt v2.0, an online cryptic treasure hunt, open to anyone with an internet connection. (<http://www.sudocrypt.com/>)

Snake v2.1

Developed a retake on the classic Snake game in C++, with a few twists, like a multiplayer system, an online leaderboard, a mongoose which attacks the snake.

Leadership / Student Organizations

Officer, BASES Tech Team (Fall '13 - Spring '14)

Developed the official BASES website, and worked on internal tools and applications.

President, ExunClan (2012 - 2013)

ExunClan is a team of computer science enthusiasts and geeks from my high school which opened me to the world of CS, especially design and web development. (<http://exunclan.com>)

Languages

English, Hindi, Bengali,
C++, JavaScript, HTML/CSS, C, Chuck.

Software

Photoshop, Sketch, Illustrator.

Interests

UI/UX design, full-stack engineering, visual design, product management, software design, music.