

# Trijeet Mukhopadhyay

## EDUCATION

### Stanford University, Class of '17

B.S. Computer Science – HCI

*Relevant Coursework (by Spring '16)*

User Interface Design &  
Evaluation; HCI & Interaction  
Design Studio; d.media; Physical  
Interaction Design; Design &  
Manufacture; Data Visualization;  
Computer Systems & Architecture;  
Web Applications; Network  
Security; Algorithms

## ORGANIZATIONS

### Organizer, TreeHacks

<https://www.treehacks.com> 2015 – Present

### Officer, BASES tech team

<http://bases.stanford.edu> 2013 – 2014

## SKILLS

design

UI design; experience design;  
design thinking; rapid prototyping;  
user research; interaction design

Sketch; Photoshop; Illustrator;  
Blender

technology

JavaScript; HTML / CSS; C; C++;  
Arduino; ChucK; MaxMSP

Angular; Node; Ionic; Firebase;  
mySQL; Ruby on Rails; OpenGL

## INTERESTS

typography, laptop orchestra, music  
composition / production, soccer,  
amateur bartending

## WORK EXPERIENCE

### Software engineering intern, bebop

<http://www.bebop.co>

June '15 – August '15

- Full stack Javascript developer (Angular / Node) at enterprise software startup
- Implemented modular front-end components & architecture to enable rapid app development on the bebop platform
- Designed an intelligent peoples directory by surfacing relationships within an enterprise by analyzing the bebop entity dataset

### UI / UX design intern, EagerPanda

<http://eagerpanda.com/>

May '13 – August '14

- Created product wireframes and high-fidelity mockups for various components of the web product, along with establishing the design language of the product
- Designed features like the newsfeed, article consumption and creation flows, user profiles, with an emphasis on creating a sublime reading and content discovery experience for the web

## SELECTED PROJECTS

portfolio: <http://trijeetm.com>

### Coursera Redesign (Sketch / InVision)

A critique of the current design of the web product, along with an alternate design focusing on better content discovery and consumption.

### Flow (Ionic / AngularJS / SCSS / Photoshop / InVision)

An iOS productivity app to help creative people streamline their projects by providing a tool to catalog inspiration, brainstorm, schedule tasks and obtain feedback on their work. Designed paper and digital mobile interfaces and developed a hi-fidelity prototype.

### Sonic Canvas (Ionic / AngularJS / NodeJS / Firebase)

Collaborative real-time canvas to create audio-visual art with people.

### Fingerboard (Objective-C / C++ / Synthesis Toolkit)

An app that converts your iOS device into a wind based continuum music instrument controlled by the player's breath.

### Binaural Man (Objective-C / C++ / BASS for iOS)

Binaural audio based adventure game for iOS.

### Alan's Psychedelic Breakfast (C++ / OpenGL)

A real-time visualizer for the audio around you.