



# Relmagine

## A CRITICAL REDESIGN OF PUBLIC TRANSPORTATION SPACES

Relmagine is an art project that aims to redefine how people engage with public transportation spaces. The idea is to have boxes encased with sensors placed throughout the space (specifically BART stations). Once users pass by these sensors, their movements are mapped to an interactive art piece (i.e. the spiral shown in the photos on the left).

Instead of following the HCD process, our team was heavily inspired by teamLAB, a Japanese company that creates interactive art spaces. I interviewed two previous interns of the company and used Processing to create the interactive art piece. In order to have the installation detect movement, I used photocells to track commuters' positions in the BART station and these movements would be mapped to the spiral.

The project was presented at the UC Berkeley Jacobs Fall Showcase and at a tradeshow to executives from Ford.

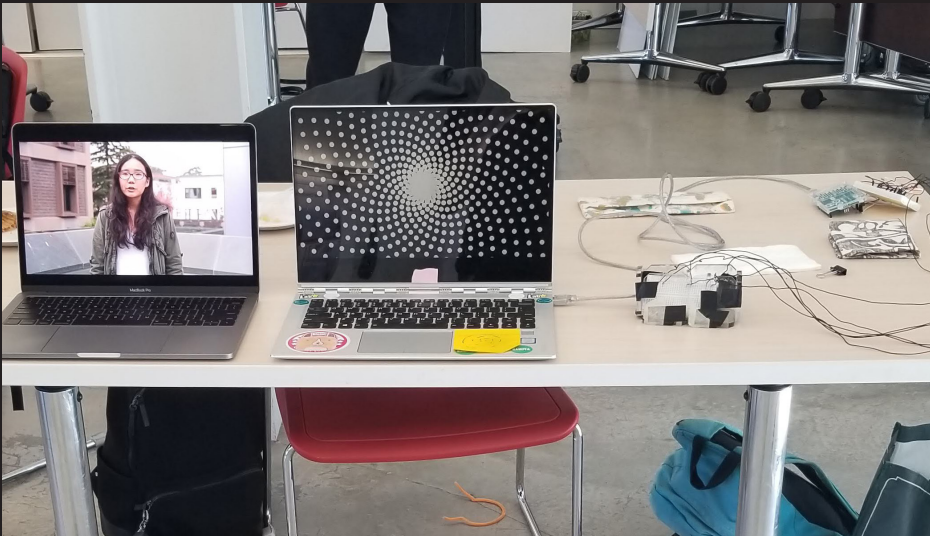




One-pager detailing general idea and implementation of prototype at local BART station.



implementation of low-fidelity prototype in which friends interacted with interactive art pieces in a sound-proof room.



Proof-of-concept and final prototype in which photocells detect movement in space which is mapped to the interactive art spiral created in Processing.

## PROJECT INFORMATION

Client: Class Project  
 Date: October - December 2018  
 Role: User Researcher and Critical Designer  
 Collaborators: Shi Jie Ang, Michael Lau