

Project Sketches Object Based Media Group

This is an informal document just to give you an idea of some of the things I might work on as your graduate student.

Overall in OBM I am most interested in:

- Tangible ways to interact with data and stories on big and small scales, along the lines of some of the current work that is already present in the group
 - Such as balloon sculptures in public spaces to visualize air pollution
 - Using either colors or different gases to visualize in real time
 - Real time poll results for local elections, as well as interactive and easy to tap into issues to inform voters
- How to use different display technologies (holography, Pepper's Ghost, 8k, etc) to enable interactive data and story experiences in physical space
 - Thinking about news ways to experience history in museums or public spaces
 - New information and experiences in public transport
- Considering more subtle and intuitive interactions within the realm of consumer electronics, especially in the IOT domain
- Interactive displays and installs that apply this. Especially a physical space where the lighting and non invasive displays force people to explore their own political biases based on their social media. This is an idea that's been in my brain for a while and I'd love to explore it as an install with different displays and feedbacks.

Below is a more particular sketch I was thinking about. Think of these as informal brainstorming.

Much more refined work of my own is on my Portfolio at ninalutz.github.io

Connected Objects

What if we could have subtle interactions between loved ones through our every day objects? Things like simple writing, haptic feedback, or temperature to create a subtle, delightful sensory communication from far away.

Think of a mug. In traditional IOT they may be connected to social media or sensors to stream information. Or to each other for things like communicating the beverage, etc.



But imagine if you could have the subtle experience of having coffee with someone across timezones. You could write hand written notes on the mugs and receive other feedbacks without being overwhelmed by parallel interfaces like phone apps or traditional screens.

This could be applied to other objects as well. Overall I'd love to experiment with subtly connected every day objects like mugs, lamps, etc.