

# LAUREN YATAR

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## Projects

### *Climate Comfort Data Visualization*

- Designed and built a front-end visual interface using HTML, CSS, and JavaScript(D3.js) capable of reading any EPW climate file.

### *Twitter and Extreme Storms Sentiment Analysis*

- Loaded, pre-processed, analyzed and interpreted twitter data and storm data using methods such as dictionary methods, supervised and unsupervised learning, word scores and word-weighting using Python (pandas, nltk, matplotlib)

### *If City ..., then [ x,y,z] (M.Arch Thesis)*

- Scrapped tweets for analysis using tweepy.py, analyzed and interpreted twitter data.
- Imagined an algorithm-like framework for how architects can use user-generated data (like twitter) to create buildings responsive to how the public is feeling (happy/ sad).

## Recent Work Experience

### *HOK: Consulting Intern, June 2016 – August 2016*

Assisted in planning and conducting two on-site field studies for two different clients.

- Completed contextual inquiry to improve work space strategy.
- Processed quantitative and qualitative information received from clients.
- Worked on producing consulting deliverables, including assisting with report writing, creating spreadsheets and producing graphics.

## Skills Summary

- Web Development: HTML, CSS, JavaScript, JQuery, D3.JS, Bootstrap, Node.js, Express
- Data Analysis: Python – Jupyter Notebooks, Pandas, NLTK, Matplotlib
- Prototyping: Sketch, Adobe Creative Suite, InVision, Flinto

## Education

### **Master of Architecture/ May 2017**

University of California, Berkeley

### **Bachelor of Arts, Comparative Literature, Japanese / August 2013**

University of California, Irvine

### **User Experience Design / September 2017**

General Assembly