

# Property in Practice

Visualizing Detroit's Housing Crisis

# Aaron Petcoff

Brooklyn

Web developer at *New York*

@ughitsaaron

hello@aaronpetcoff.me



# UTOPIA



# Detroit

Detroit revitalization accelerates

Detroit's best-kept secrets

**For downtrodden Detroit, hopes of  
revitalization ride streetcar rails**

In Hot Downtown Detroit, Ad Agency Leads  
Revitalization

Entrepreneurs Manufacturing Detroit's Revival

Bike Among the Ruins  
FASHION & STYLE

co

R Last Stop on the L Train: Detroit

BUSINESS

Detroit Pushes Back With Young Muscles

*A Missionary's Quest to Remake Motor City*

■ ■ ■  
SMALL BUSI

Detroit's Renewal, Slow-Cooked

*Hanging a Shingle in Detroit*

Detroit

In Detroit, Cheap Eats, D.I.Y. Art and the Charm of Locals

In Detroit, Revitalizing Taste by Taste

# What's happening:

- Speculation in Detroit
- “Property in Practice”
- Takeaways



# Manuel “Manny” Moroun



# Hell Don Detroit

presented by  
Barry Mandel



# Detroit's Housing Crisis

- 1970s: HUD/FHA corruption
- 1990s: Housing reform
- 2008: Real estate bubble burst



# Property in Practice

Illustrate how speculation shapes the physical and geographical space of Detroit.

# Tech-y Bits

- Google Sheets
- Sheetsee.js
  - Tabletop
  - Mapbox
  - Leaflet
- Ember
- Sass (Bourbon/Neat)
- Github Pages

Visualize Data from a Google Spreadsheet <http://jlord.github.io/sheetsee.js/>

248 commits

11 branches

1 release

16 contributors



Branch: master ▾

[sheetsee.js](#) / +



### Update docs

 jlord	authored on Aug 22	latest commit 2143e6c119 
 demos	Update map tiles	2 months ago
 docs	Update docs	2 months ago
 img	fresh files	2 years ago
 js	Update docs	2 months ago
 site	Update docs	2 months ago
 .gitignore	merge	2 years ago
 bower.json	Remove moot `version` property from bower.json	4 months ago
 buildpage.js	stylesss	a year ago
 contributing.md	contributing doc	2 years ago
 favicon.png	favicon	a year ago

# Tech-y Bits

```
1▼let data = new Promise((resolve) => {
2▼  return Tabletop.init({
3  key: '1HxwQvvkr8h1RpCdm1S7XQJUXiSGcRbP7_Hr7ixbFct8',
4  simpleSheet: true,
5
6  callback: function callback(data) {
7    resolve(data);
8  }
9 });
10},
11
12 geoJSON = Sheetsee.createGeoJSON(data, ['address', 'owner']),
13 map = Sheetsee.loadMap("map");
14
15 Sheetsee.addTileLayer(map, 'example.n7aml2bc');
16 Sheetsee.addMarkerLayer(geoJSON, map);
```

# Challenges



- Large data set

# Challenges



- Large data set A yellow circular emoji of a woman with blonde hair, pointing her right index finger upwards.



**Brian Timoney**

@briantimoney



Following

@ughitsaaron hmm, maybe local storage to handle the search piece? PouchDB? Smarter people than me can answer next Thurs :)



**Nolan Lawson**

@nolanlawson



Following

@briantimoney @ughitsaaron If you put the code into a web worker it shouldn't block the DOM.

# Challenges



- Large data set A woman with blonde hair, wearing a pink top, pointing her right index finger upwards.
- Street View “time machine”

# Takeaways

- Performance
- Geography + Javascript = 

# Takeaways

*"Detroit is a battlefield in the eternal war between man and nature. But when humans abandoned half of the city, nature set up its occupying forces in the deserted buildings. Every structure is a target to be taken over or taken down."*



# Takeaways

# Abandoned Dogs Roam Detroit in Packs as Humans Dwindle

---

by Chris Christoff

---

August 21, 2013 – 12:01 AM EDT



# Takeaways

- Performance
- Geography + Javascript = 
- Data && Justice

# Aaron Petcoff

Brooklyn

Web developer at *New York*

@ughitsaaron

hello@aaronpetcoff.me

