YOU ARE WHERE

GEOSPATIAL WEB DEV OFF THE BEATEN <MAP>
https://mzl.la/urhere
hello!

I am aurelia
I work at moz://a
Twitter/GitHub @auremoser
I teach at nyu-itp + sva-dsi + girl develop it

I am talking about mapping, human failure, cartographic fallacy, fake placemaking on the web
this must be the place
i am here
Book Description

Geospatial data, or data with location information, is generated in huge volumes every day by billions of mobile phones, IoT sensors, drones, nanosatellites, and many other sources in an unending stream. This practical ebook introduces you to the landscape of tools and methods for making sense of all that data, and shows you how to apply geospatial analytics to a variety of issues, large and small.

Authors Aurelia Moser, Jon Bruner, and Bill Day provide a complete picture of the geospatial analysis options available, including low-scale commercial desktop GIS tools, medium-scale options such as PostGIS and Lucene-based searching, and true big data solutions built on technologies such as Hadoop. You'll learn when it makes sense to move from one type of solution to the next, taking increased costs and complexity into account.

- Explore the structure of basic webmaps, and the challenges and constraints involved when working with geo data
- Dive into low- to medium-scale mapping tools for use in backend and frontend web development
- Focus on tools for robust medium-scale geospatial projects that don't quite justify a big data solution
- Learn about innovative platforms and software packages for solving issues of processing and storage of large-scale data
- Examine geodata analysis use cases, including disaster relief, urban planning, and agriculture and environmental monitoring
failures

Interviewing at Wikimedia
Interviewing at GitHub (twice)
Applying at UNESCO
Applying at the UN
Interviewing at Freedom of the Press Foundation
Implementing oauth/https (countless times)
Mass tweeting the wrong link
Securing my cryptowallet
Remembering my passwords
Migrating to a new machine
Reinstalling keybase on a new machine
Buying more bitcoin in 2015
Making use of 6 impulse-purchase domains
PGP (privacy and personal genome versions)
Jury Duty
...

people fail forward to success
We know where you've been. We can more or less know what you're thinking about.
Disputed Territories

Abroad, Google Maps has waded into raw, tender issues of national identity. For example, take its depiction of Crimea on maps.google.com, where a dashed line reflects the U.S. view that the area is an occupied territory. But in Russia, on maps.google.ru, the boundary line is solid — Russia has officially annexed Crimea. “We work to provide as much discoverable information as possible so that users can make their own judgments about geopolitical disputes,” wrote Robert Boorstin, the director of Google’s public policy team, in an interview with Washington Monthly. Maps served from Russian servers must adhere to Russian laws and the Russian worldview, according to Google.
Bhutan (Chumbi salient and northwest valleys)

Administered by Bhutan. Claimed by China.

"Bhutan's border with China is largely not demarcated and thus disputed in some places. Approximately 269 square kilometers remain under discussion between China and Bhutan." (Source: Wikipedia)
How ZIP codes nearly masked the lead problem in Flint

September 19, 2016 9:47pm EDT
Presidential politics and porn per capita

There are known knowns...

Some records have no geometry or a centroid of 0,0

Which the exception of Null Island these are records that need to be researched and updated. We use a default centroid of 0,0 to ensure as a way of tracking records that are still in need of editorial love and so that there is at least something to keep the more conversative GeoJSON parsers out there happy.

Some polygon records contain 'buffered point' geometry

Some records represent point data as polygon data, such as: https://whosonfirst.mapzen.com/spelunker/id/101678779, these records can be distinguished from actual geometries using the tag qs:type="buffered_point".

See also

- https://en.wikipedia.org/wiki/There_are_known_knowns
Falsehoods programmers believe about addresses

Perhaps you’ve read posts like Falsehoods Programmers Believe About Names and Falsehoods programmers believe about time. Maybe you’ve also read Falsehoods programmers believe about geography.

Addressing is a fertile ground for incorrect assumptions, because everyone’s used to dealing with addresses and 99% of the time they seem so simple. Below are some incorrect assumptions I’ve seen made, or made myself, or had reported to me. (If you want to look up an address for a UK postcode or vice-versa to confirm what I’m telling you, try the Royal Mail Postcode Finder)

• An address will start with, or at least include, a building number.
  Counterexample: Royal Opera House, Covent Garden, London, WC2E 8DD, United Kingdom.
• When there is a building number, it will be all-numeric.
  Counterexample: 1A Egmont Road, Middlesbrough, TS4 2HT
  4-5 Bonhill Street, London, EC2A 4BX
• No buildings are numbered zero.
  Counterexample: 0 Egmont Road, Middlesbrough, TS4 2HT
• Well, at the very least no buildings have negative numbers
  Guy Chisholm provided this counterexample: Minusone Priory Road, Newbury, RG14 7QS
  (none of the databases I’ve checked render this as -1)
• We can put those funny numbers into the building name field, as no buildings have both a name and a funny number
  Counterexample: Idas Court, 4-6 Princes Road, Hull, HU5 2RD
• When there’s a building name, there won’t be a building number (or vice-versa)
  Counterexample: Flat 1.4, Ziggurat Building, 60-66 Saffron Hill, London, E01N 8QX, United Kingdom
• A building number will only be used once per street
  The difference between 50 Ammanford Road, Tycroes, Ammanford, SA18 3QJ and 50 Ammanford Road, Llandybie, Ammanford, SA18 3YF is about 4 miles (Google Maps).
• When there’s line with a number in an address, it’s the building number.

maps are subjective
North America in Eight Projections

All shapes drawn at the same scale, with the same center.
map data is vast
“Biology, behavior, culture, history, and environment are thus reduced to dots on a map...

...and this is the world where we now live.”

~ Shannon Mattern, “DataBodies in Codespace”
Places Journal
April 2018
“A gazetteer of consensual hallucinations”
It’s easy to ignore what we cannot see.

- Moon 100% mapped
- Mars 100% mapped
- Earth’s ocean 5% mapped
Phantom settlements, or paper towns, are settlements that appear on maps but do not actually exist. They are either accidents or copyright traps. Notable examples include Argleton, Lancashire, UK and Beatosu and Goblu, Ohio, USA, or Agloe, NY.

~ Wikipedia
entertin, wi

Population: 404
Location: [45.750229, -92.041184]
County: Washburn
Demonym: Entertinian
Timezone: CDT (UTC-5)

Known features:
- WWEN Radio station
- Local band: the ISPs
- Community Library
- Co-op Municipal Board
Welcome to Entertin Municipal City Center

Entertin, a small town in the upper Wisconsin county of Washburn. The town is served by a voluntary county board that supports its operations and local collaborations between neighboring cities.

About Our County

Entertin Public Library
READ. IMAGINE. CREATE.
(715) 900-9999
webmaster@epl-wisc.com

Entertin Indie Radio
WWEN a fresh voice, on the air since February 29, 2016. We broadcast music you never heard on the normcore radio with live, local DJs doing live shows. Plus, we offer a wide range of local news and programming that cover issues underrepresented by other media. WWEN is a true community radio station.

The ISPs
Welcome to our ISP bands website! We're providing music as a service at local clubs in Entertin, WI, since 2015. Learn more about our indie-alt gluten-free magic music at left. Check out the party mode button!

Fri, Jan 29, 16
New Album Release: Terms of Service
We released a new thing, super excited about it!

Thu, Jan 14, 16
Show in Shell Lake
Come check us out this Friday night at The Dive in Shell Lake, WI.
Entertin, WI
Population: 404
Location: [45.750229, -92.041184]
County: Washburn
Demonym: Entertinian
Timezone: CDT (UTC-5)
provocartography
If you enjoy Chef's Table you'll love it here

My husband and I like to occasionally take a weekend trip to London from our home in Warwickshire. We like to explore the quirky sides to London, and we're big foodies.

We stumbled across the The Shed in Dulwich via TripAdvisor. Apparently they do not offer online bookings, so I went down the traditional route and picked up the phone. Well, it took just over a week of phone calls to get through and finally book a table, not ideal, but we were still very excited for our upcoming booking.

We were not disappointed.

The whole experience was fantastic. Our waiter was so attentive, nothing was too much for him. As the sun was setting we were offered blankets—we politely declined (one had a stain on)—but a nice touch, adds to the al fresco feel!

The portion sizes weren't huge but the quality was fantastic. The earthy taste and freshness of the food was something else. The menu changes regularly as most of the food is home grown — what a delightful idea.

We will certainly be back.
This is the sign you’ve been looking for
Putting the World's Vulnerable People on the Map

Each year, disasters around the world kill nearly 100,000 and affect or displace 200 million people. Many of the places where these disasters occur are literally 'missing' from any map and first responders lack the information to make valuable decisions regarding relief efforts. Missing Maps is an open, collaborative project in which you can help to map areas where humanitarian organisations are trying to meet the needs of vulnerable people.

How we work
A gazetteer or big list of places, each with a stable identifier and some number of descriptive properties about that location.
Explore the indie artists around the region who rocked our world this month.

3ayesh
KHEBEZ DAWLE

7arf El Daed
ISLAM SHAJRAWY

Al Sa3ada
3ANBAR 7

Albi
HADI ZEIDAN

Ana Msh Segara
MYAM MAHMOUD

Bab AHiamak
NOHA FERKY

Culture Jail
Good geospatial design means creating with empathy, humanity, and a critical eye for human error or bias.
follow folks

@spatialdatalasci
@dphiffer
@Spatial_Punk
@lisacrost
@leejoeyk
@lyzidiamond
@shannonmattern
@dianamaps
@tierneyl
@dmgeo

@mewo2
@thisisaaronland
@MrEPhysics
@meetar
@bertspaan
@juliansimioni
@juliasilge
@jatorre
@mgiraldo
@kelsosCorner
Thank you!

please @ me
@auremoser
https://mzl.la/urhere