GeoSkynet
We know where you eat.

What is it?
Why do it?

- ~75,000 tweets / second

What is a location?
**NLP**

*Easy as one, two, three*

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**Heuristics**

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<tr>
<th>Addresses</th>
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<td>Intersections</td>
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<td>Profile Info</td>
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<td>NER (Named Entity Recognition)</td>
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Addresses

Intersections
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Top 5,000 Cities
Zipcodes

NER (Named Entity Recognition)
Hierarchical Model

Address
City
Geocode

How does it work?

Twitter Sensor
Geocoder
RabbitMQ
Database Writer
MongoDB
Location Processor 1
Location Processor 2
Location Processor 3
Location Processor n
How’s the other bit work?

Front-end features

- Search x kilometers around location
- Get directions
- Show original tweet
What’s it look like?

Conclusion

- Useful
- Accurate
- Portable
Questions?