

# **16th IEEE International Conference on Mobile Data Management**

**PANEL: Mobility and Big Data:  
adding an M to the Vs, or not?**

@andy\_pavlo

# Is data created by mobile devices different/special?

- No.

# What are the challenges associated with location-dependent data?

- Geo-replication issues (rare).
- R-trees still suck.

# Are privacy issues different with mobile data?

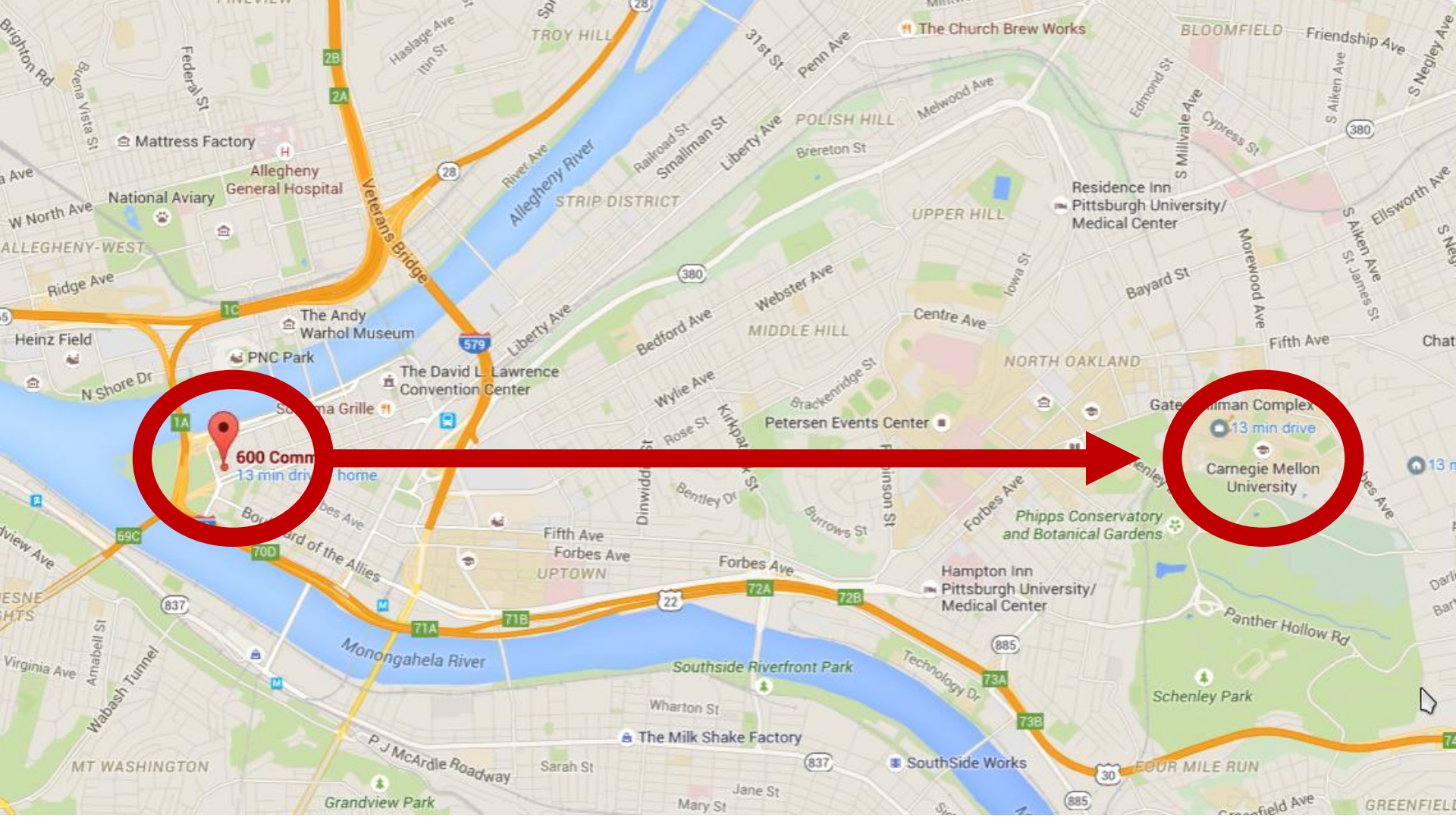
- I don't know.
- I (probably) don't care.

# How does the cloud fit into mobile services?

- Cloudlets.

# **Are there any applications pertinent to mobile big data?**

- Yes, but the data will never be available.

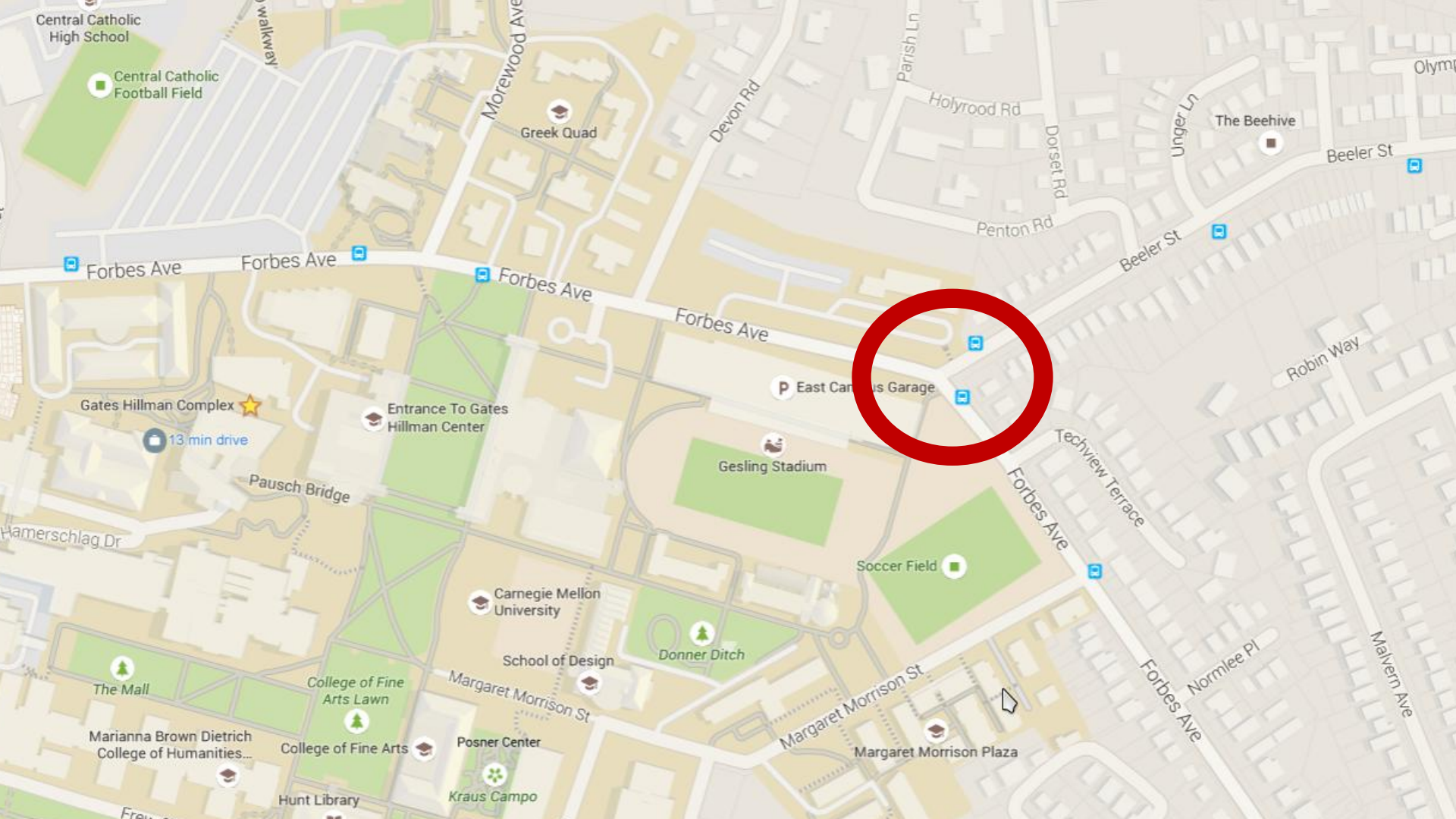


600 Comm

13 min drive

13 min drive

Carnegie Mellon University



Central Catholic High School

Central Catholic Football Field

Greek Quad

The Beehive

Forbes Ave

Forbes Ave

Forbes Ave

Forbes Ave

East Campus Garage

Gates Hillman Complex

Entrance To Gates Hillman Center

Gesling Stadium

Soccer Field

Pausch Bridge

Carnegie Mellon University

School of Design

Donner Ditch

The Mall

College of Fine Arts Lawn

Margaret Morrison St

Marianna Brown Dietrich College of Humanities...

College of Fine Arts

Posner Center

Donner Ditch

Margaret Morrison St

Margaret Morrison Plaza

Hunt Library

Kraus Campo

Forbes Ave

Normlee Pl

Malvern Ave

Robin Way

Beeler St

Penton Rd

Beeler St

Holyrood Rd

Dorset Rd

Devon Rd

Morewood Ave

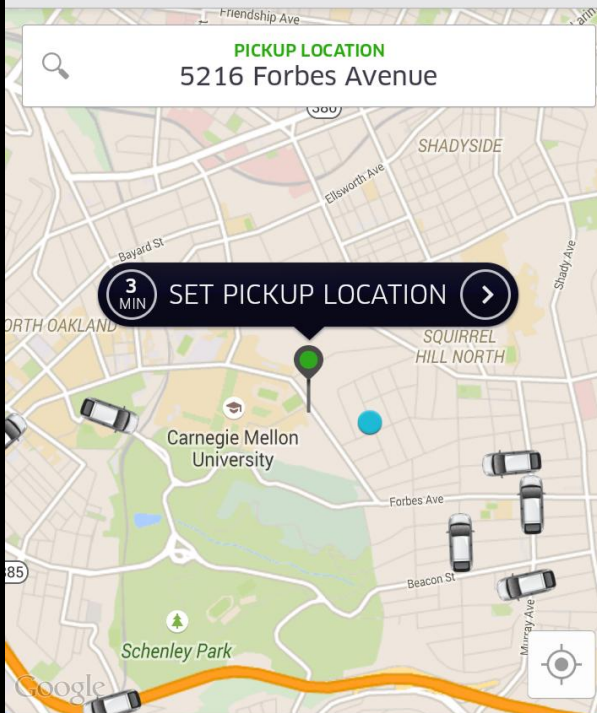
walkway

Parish Ln

Unger Ln

Olym





uberX      uberXL

A slider control is shown below the vehicle options. The slider is currently positioned towards the "uberX" side, which is represented by a car icon. The "uberXL" side is represented by a larger car icon.