EE 495 Assignment 3: Aerial Imagery and OpenStreetMap Retrieval

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NU Main Campus Results

Aerial Image
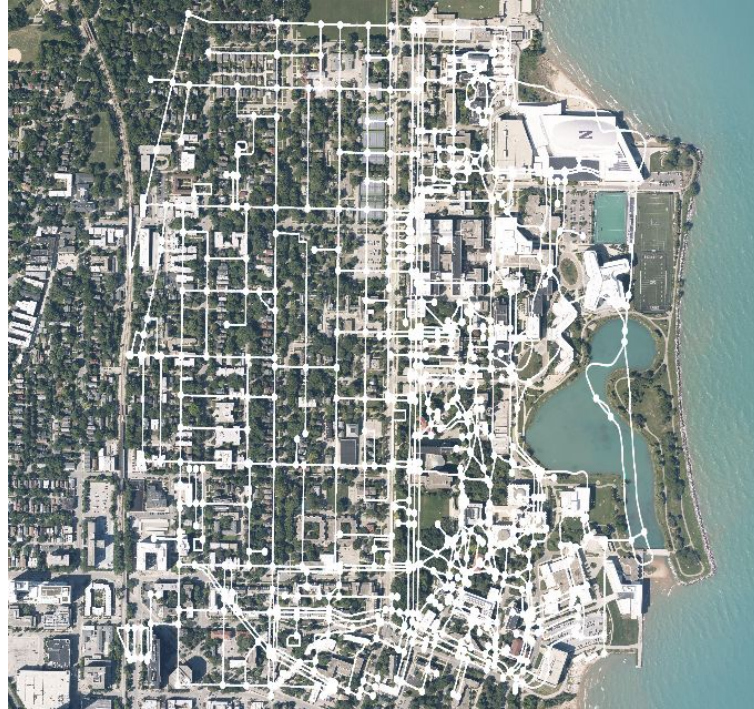
OSM Data
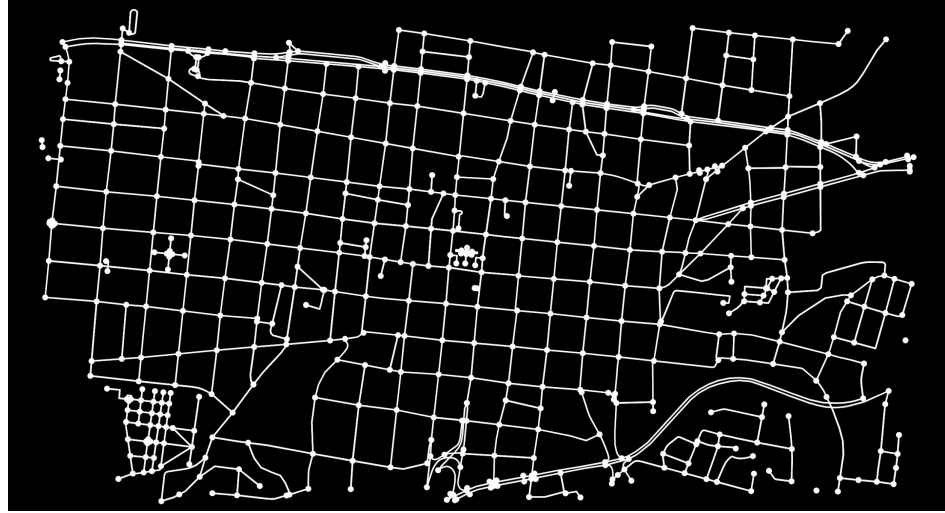
NU Main Campus Results

Overlayed Image

Interesting Location (San Salvador, El Salvador) Results

Aerial Image

OSM Data

Interesting Location (San Salvador, El Salvador) Results

Overlayed Image

Problems and Findings

- Overlay doesn't exactly match the roads.
  - It seems OSM data is a compressed to the middle.
  - This might be because the OSM data creates a lot of blank space on the sides.
- Aerial image for levelOfDetail of 18 has good enough quality, past that the code takes longer to run.
- Work for the future might include using different colors for different OSM edges and nodes as well as including landmark labels (acquired from OSM data).