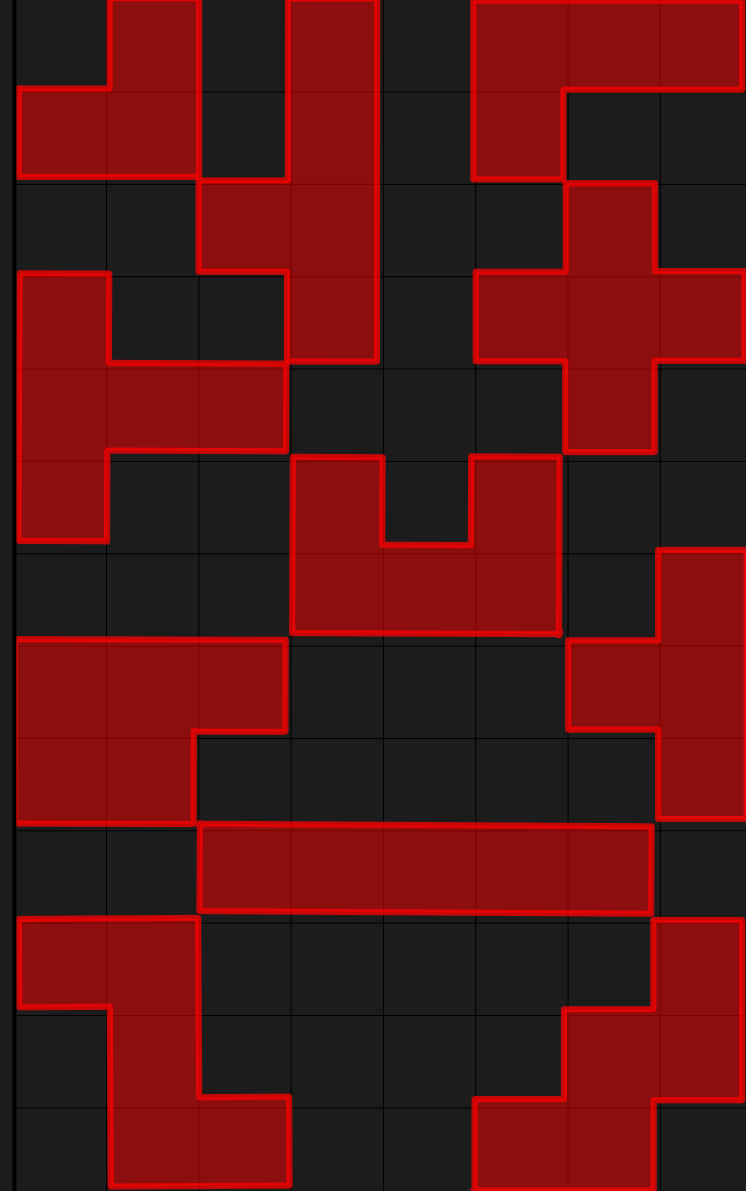Eyes From The Street

Today

- Reading discussion (6-610)
- Case Study: Dragnets (610-625)
- Field trip: Warwalk!(6:30pm)
- Tools for Network Analysis (6:50pm)
- Project discussions (7-8pm)

Readings

- AIUSA Decode Surveillance NYC

- We Hunted Hidden Police Signals at the DNC

Dragnets

- Wide set of measures for apprehending "criminals"

- Stop and Frisk

- Geofenced

- DNA Dragnets

Warwalking

- Dynamically capturing network information across space (WiFi, towers, other networked devices)

- WiGLE WiFi Driving (App for Android)

- iphone or other users just view WiFi settings in real time + dive around + screenshot

Network Analysis + Manipulation

- Surveillance implications
  - TPMS, Stingrays/ISMEI Catchers
- Accountability possibilities
  - Secret infrastructure spotting, security vulnerabilities on personal networks, transparency of information flows and other network connections
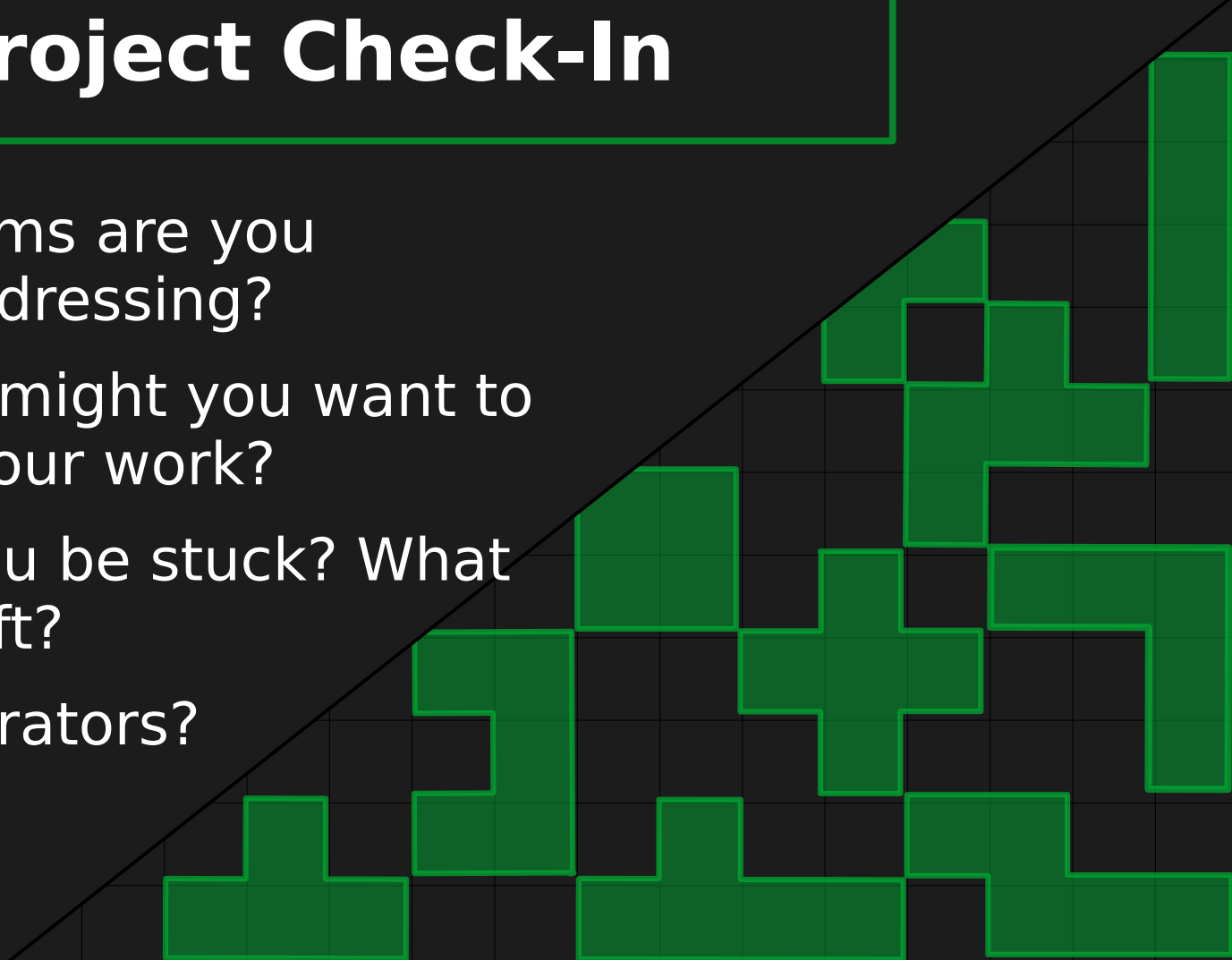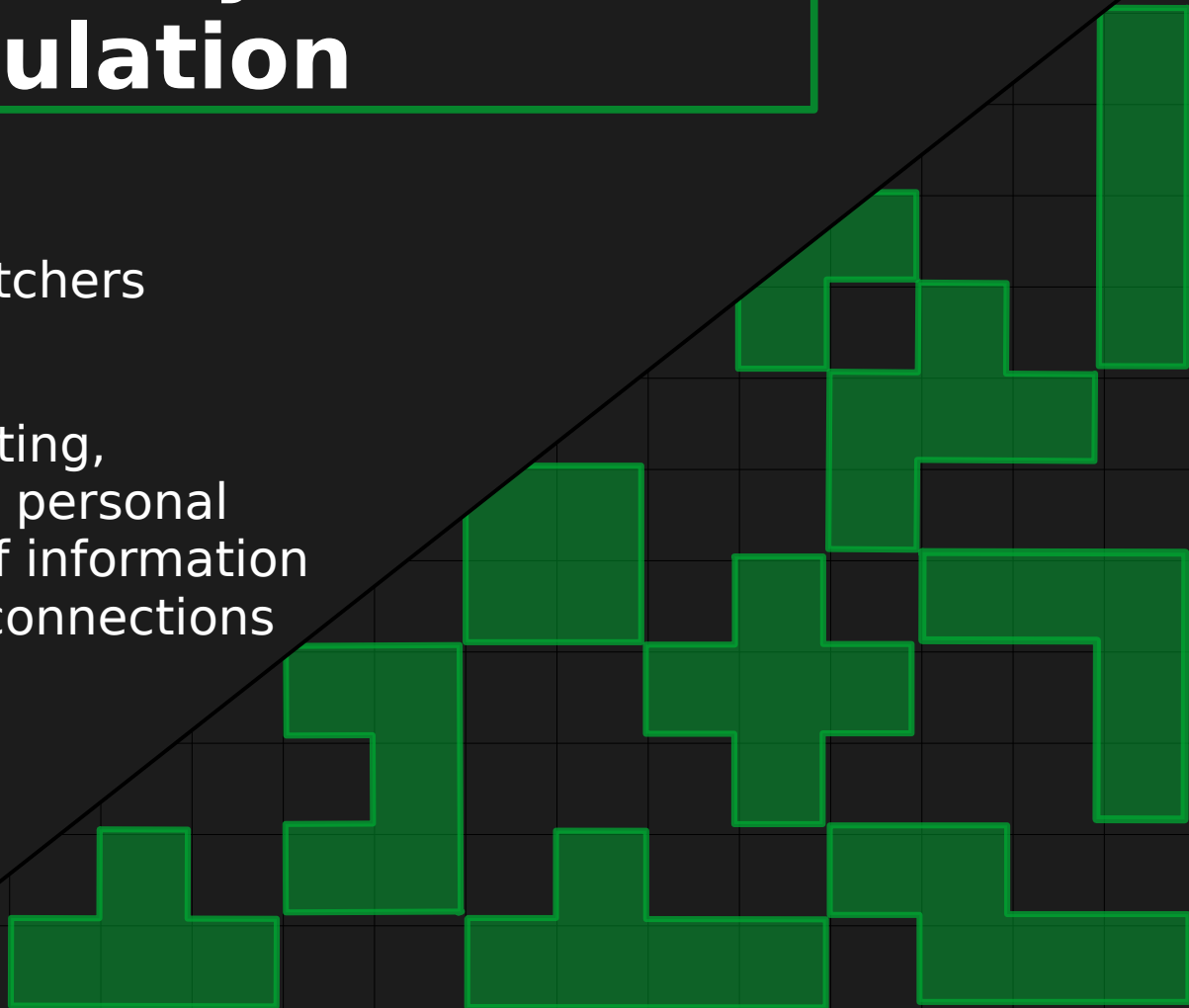
Tools for Network Analysis

- Wireshark

- mitmproxy
  - View decrypted traffic locally or through proxy on a device you control

- RFParty

- Aircrack ng

- Kismet/Kismac

Final Project Check-In

- What mechanisms are you interested in addressing?

- What mediums might you want to communicate your work?

- Where might you be stuck? What decisions are left?

- Open to collaborators?

Next week

- Develop your project a bit more
  - Specify targets and scope
  - Identify medium for sharing (even if just for now)
  - Plot 4/30 presentation(s)

Thank you! Feel free to...

Find our syllabus online: https://2nd.systems/efts

Review and add to our class notes:
https://efts.2nd.systems/notes

Connect in our Signal group chat:
https://efts.2nd.systems/chat