

Team Meeting:

Dec 9, 2021 / 2:00 PM / Zoom

Attendees

Nolan Flegel, Rishabh Prasad, William Peers, Sam Dietrich, Matthew Barriault

Agenda

- Discuss Phase 2 Startup
- Different Copy-Paste strategies

Notes

- Start with single class -> yard waste
- Develop plan to collect real-world data for test/validation
- 50/50 split of real-world data into test/validation
- Use both synthetic and real data to test
- Explore inserting new class into existing classes
- Evaluate effect of lighting conditions and blur
- Explore using background image from 3 different truck platforms
- Processing time not impacted when classes are added, accuracy could be impacted
- Look into using yolov5 before mask r-cnn

Action Items

1. Develop Flowchart of different dataset implementations
2. Explore Copy-Paste implementation and functions
3. Focus on Implementing a single augmented class