

Bazaar 2 - Results

Copy-Waste

Reviewer

Comments

Trevor Douglas

Q: Are you still on track and do you need any help?

A: We are still on track and continuing with the tasks we mentioned in our capstone mentor meeting

Adam Tilson

Q: Would you describe your project as research based or fulfilling a business need/obligation?

A: Our project falls somewhere in between. There was a significant amount of research which had to be done; however our scope and deliverables are directly motivated by a business need.

Q: Is this your own creation or are you using somebody else's implementation?

A: We researched a published method called copy paste. We used this as inspiration and created our own implementation.

Q: How would you define success for your project?

A: To be able to detect previously undetected objects with our artificial dataset.

Dr. Christine Chan

Interesting Project, Great Work.

Q: Could your augmentation/artificial images be used for creating occlusion effects? Can it be used to create weather/under water effects? Other potential applications for creating artificial datasets for unusual scenarios.

A: This is an interesting question. Our implementation allows for a variety of transformations, so theoretically it could be used to generate artificial occlusions for augmentation. This is outside of our specific use case and scope of our project so we have not researched occlusion problems.

Dr. Yasser Morgan	Be more explicit with test methodology and results across all deliverables.
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Student 1	<p>Q: How many cameras on the truck, what are the camera angles are for, What are the images being used for?</p> <p>A: There are two cameras on each truck. One is used to capture images of blue bins being picked up and the other is used to capture images of the contents of said bins.</p> <p>Q: How do you capture everything that goes into the truck.</p> <p>A: Everytime our Universal Bin Detector detects that a recycling bin is being dumped, images of the truck's bin are captured. Ideally this allows us to capture each bin's contents while it is at the top of the pile.</p>
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Student 2	<p>Q: Do you manage the cameras on the truck and how often they are maintained?</p> <p>A: The cameras on the trucks are placed and maintained by our industry partner. Our project uses an aggregation of images which is collected by these cameras to develop categories</p>
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Terms:

“Q” - Question asked by individual

“A” - The team’s response to the question