

Image Processing: Identification

THIS ACTIVITY IS STILL UNDER DEVELOPMENT.

Built-out activity coming soon.

goals

- Learn about vision systems and object recognition
- Apply machine vision to identify and differentiate between objects
- Modify and develop a program collaboratively to identify objects and patterns using a machine vision



description of task

Create unique identifies to increase the likelihood a camera will see and differentiate between objects

Essential Questions

1. How are computers able to identify things in images?
2. How are processing speed and the ability to use machine vision in real world situations linked?
3. How has the ability to process images to make decision in programs changed the world?

essential Concepts

- Edge Detection, Blob Discovery, Pattern Recognition

Resources

Procedure

Part 1: Subheading

1. Procedure step one
2. Procedure step two
3. Procedure step three

Conclusion

1. How did you interpret and respond to the essential questions? Capture your thoughts for future conversations.