* Machine must break down in an image in a process known as Image Segmentation
* Three approaches selected
* Approaches recreated in Python
* Small robotic research platform to be used for testing
* Study presents undergraduate students opportunity to work with code.

Items you need to define:

* Image Recognition: A subset of machine learning that classifies images
* Machine Learning: A subject in computer science with the goal of teaching computers to learn
* Image Segmentation: How a computer divides an image
* Algorithm: A mathematical formula, performed in a particular set of steps
* Python: A programming language
* Programming Libraries: Code that is available for a wide variety of purposes.