How Can Algorithms Be Ethical?

A major concern of algorithms is the unintended bias that comes with them. There have been several reported cases of algorithms unfairly working against people of color, specifically women of color, which is not original intention of the algorithms.

Problems that can arise with algorithms:
- They can accidently mirror humans when making decisions making them able to make a mistake
- They can learn from other internet users and pick up racist slang or biases
- They can make mistakes when interpreting a picture which could lead to an issue

The Black Box
The concept of the black box is what makes understanding artificial intelligence and algorithms so difficult. The black box is the part of the AI experience where scientists cannot look inside and figure out which bath the robot took to get to the decision that it made. This makes it very difficult to determine where the bias is occurring and how to fix that issue.

Combating the biases:
1. Define and identify the biases that can come from the data and alter the algorithms
2. Develop plans to combat these biases
   - Examples include constructing new rules and organizations to ensure fairness for all people
3. Employ outside organizations to help raise awareness of these biases in AI and gain more perspectives on each topic AI deals with
4. Provide more classes in school about how coding and ethics go hand and hand
   - This is currently being provided at Rutgers University
5. Regulation of artificial intelligence
6. Transparency

References