

How advances in innovations may discriminate against a group of individuals

Navigate to this Ted Talk and answer the questions below. [Joy Buolamwini: How I'm fighting bias in algorithms | TED Talk](#)

1. When Joy was a student at Georgia Tech, what was she working on? What was her assignment?
2. What problem did she encounter?
3. What did Joy have to do to get the assignment turned in?
4. What problem did Joy encounter on her trip to Hong Kong? Why?
5. Why is Joy's face not being detected?
6. How can this problem be solved?
7. How are police and judicial system using facial recognition?
8. What does Cathy O'Neil mean by Weapons of Math Destruction?
9. What decisions are algorithms making about our lives?
10. What can be done to solve this problem?

Notes for the teacher.

MIT grad student Joy Buolamwini was working with facial analysis software when she noticed a problem: the software didn't detect her face -- because the people who coded the algorithm hadn't taught it to identify a broad range of skin tones and facial structures. Now she's on a mission to fight bias in machine learning, a phenomenon she calls the "coded gaze." It's an eye-opening talk about the need for accountability in coding ... as algorithms take over more and more aspects of our lives.