Technology has had a drastic change in the way that we think. One example of this is how easily people can gather new information thanks to technology. All someone would have to do is type in their phone on google to figure out the answer to a question.

In the workspace, technology has allowed us to more easily collaborate on projects. Software such as google docs allow people to save their work to remote servers, rather than on their own computer, and also a very easy way to work on the same document as someone else.

VR has given people a whole new way to explore virtual worlds. This new technology is available to us thanks to the fact that we have faster processing in computers, and higher resolution screens for the headset.

2. My major is computer science, so almost any innovation with computing changes my field in one way or another. This article talks about using Artificial Intelligence to track the faces of individual chimpanzees in the wild.
https://www.sciencedaily.com/releases/2019/09/190904165232.htm

1. Nest Quest Go: Western Bluebirds
    a. Name: Nest Quest Go: Western Bluebirds
    b. The main goal: transcribe data to better understand the nesting patterns of North American birds especially the Western Bluebirds.
    c. Why do scientists need my help: They need people to help with taking data from cards and putting it in a format that can easily be transcribed into data sets.
    d. Is crowdsourcing a good method to employ for solving these types of problems and why: I believe that this is a good example of a problem for crowdsourcing to be useful. it would be difficult for a computer to explain specifically the notes that the person left behind into the data format that is presented. This is the part of the project where the person had to say if the nest seemed to have success.
2. Davy Notebooks Project
    a. Name: Davy Notebooks Project
    b. Transcribe the manuscript notebooks of Sir Humphry Davy
    c. Why do scientists need my help: They need people to read through the notes and translate his handwriting into actual text.
    d. Is crowdsourcing a good method to employ for solving these types of problems and why: This is a good example of a project that a computer would have a difficult time solving. Davy has a very unique way of writing that has many parts crossed out. I believe that some program that can take in text would have a difficult time translating cursive writing.

3. The government funded Human Genome Project was made by students, and was open source so that other people could use it. It was made to decrease the cost of genome sequencing for people. On the other hand the jvion success machine was designed to do something for the betterment of people, but at the same time it was made to get money from patients and hospitals that use the program.

A benefit of the Human Genome Project is that it is helping people and it is open source. A harmful side of this is that the project will not have as much future funding, because it is open source. The clinical success machine is designed to specifically help individuals while they stay at the hospital. This is very helpful to the patient. A negative to this is that people in one way or another are paying for the software that is helping them. Also these machines are collecting data on patients, which some people could think of as a bad thing.

4. Economic influence can be seen in the running of campaigns where people's data is the deciding factor on what kind of adds they are seeing. Social media is constantly changing and creating new innovations for social influence. Programs that tell people about their ancestry affects the cultural side of computing innovations.

Machine Learning applied to psychometrics already alters our social fabric. I personally see examples where I search for something on the internet, and then have advertisements that focus on what I searched. Schooling and social media are two other areas that could be troublesome if predictive technology was applied to them.