Environmental science, Bio-Chem and Chemistry

How can we implement AI into our lives / majors?
Day 1 - July 3rd 2019

Brainstorm
Major and ideas

Raven - Environmental Science - reducing yearly waste and waste in other countries in the world, sensor sensitivity for people with disabilities
Solome - hydrology / ecology, natural habitat restoration, water sustainability, purification and access to clean water for people around the world
Kanaya - biochemistry / pediatrics - technology impact on youth
Jiya - chemistry and herbal remedies / ecology and healing
Olivia - chemistry

General Ideas:

- Facial recognition with black people, faces, and darker skin tones (Raven)
- Childhood development (Kanaya)
- How technology impacts child development and brain cells and stems (Kanaya)
- Water sustainability (Jiya, Raven, Solome)
- Water filtration detection
- (more sensitive sensors) Sensor sensitivity, people with disabilities - parkinson's example (Raven)
- Waste management - a machine of things that could decipher naturally decompose vs. not composed
- Georgia Tech - hot water and cold water on campus - sensor in pipes to access and monitor chemicals in water (Environmental Science professor)
- Access to third world countries and their waste systems, (Raven) improving air quality and reducing pollution around the world, (Solome)
- Tailoring ideas towards low income people and making everything accessible to everyone not just the wealthy.
- Facial recognition for something something other than identifying people and unlocking phones
- Machine learning - taking the data and making predictions
- FIND DATA WE CAN ANALYZE FOR THESE TOPICS
- HOW CAN WE USE THE DATA WE FOUND TO ANSWER/POSSIBLY ANSWER OUR QUESTIONS?
- We will design what the topic is - (can add more ideas here)

Connections:

- We all wanna focus on *Machine Learning*
    - Social Justice Issues and ML
        - Kanaya with Infants
        - Olivia wants to focus on products for natural hair and different types
        - Solomé wants to focus primarily on Env. Sci
            - Water Distribution
            - Water Availability
            - Ecology
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Basically Homework:

- Make sure everyone has a good understanding of machine learning
- Come up with ideas that are feasible and quick lowkey
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