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# HACK

# BROOKLYN

## Track Information



Note:

The following are the tracks, the prizes attached to each track, and some bullet points for ideas, resources, and some information! You are not limited to the ideas in the bullet points.

We encourage you to think outside the box and pursue an idea you feel strongly about.

If you have any questions about your project, send us a message on the #🐾ask-an-organizer channel, located in the Hack Brooklyn Discord server.





## Education

### Oculus Go Headset

- Making quality education attainable for everyone regardless of socioeconomic, educational background, learning disabilities, and any other barriers.
- Less bullying in the school system.
- Increasing funding for the school.
- Building better tools to support learning
- Make school less stressful for kids.
- Limit overcrowding in schools.
- Teaching non-traditional topics and skillsets that are often overlooked by the current education system.



# Bloomberg

## Community Empowerment Nintendo Switch Lite

- Supporting the homeless community, as they have access to the internet & cell phones.
- Help underserved communities get support and build their network.
- Increase access to technology & other resources one community might lack.
- Confronting food insecurity in America, specifically in NYC.
- Teaching personal finance skills to lower-income neighborhoods.
- Accessible career readiness training.
- Making resources around the city available for homeless and impoverished people.
- You can see data offered by the city on [NYC Open Data](#)
- Any other community that you can uplift and empower.





## Accessibility in Tech

### Raspberry Pi Kit (Including The Pi & Charger) & Cotton Candy Machine

- Accessibility refers to giving people of different needs the same opportunities and quality of experiences. Disabilities can range from physical needs to mental needs.
- How can we support the visually impaired, hard of hearing, ADHD diagnosed, physically disabled, and so on.
- What are some ways [coding](#) can be more accessible to the visually impaired?
- How can we make transportation in NYC more accessible?
- To combat the barriers to the field, people of disability often have programs/events that are geared towards them. How can we bring awareness to these events and support those initiatives?



# Etsy

## Sustainability

### Fuji Film Camera & Camera Film & Vinyl Player

- Think of problems we have around our environment. How can we do better in terms of our treatment of mother earth?
- Think of pollution, energy efficiency, recycling, climate change, deforestation, wildfires, and more.
- Check out this page on more topics to consider on the [EPA page](#).
- Increase awareness & educate people.
- Increase access to clean water.
- Community organization around environmental impacts.





## Health & Wellness

### Monitor & Keyboard & Mouse

- How can technology be used in times of pandemic, such as the coronavirus, to alleviate the problem?
- Think of ways to empower the community, help one another, highlight resources available, and more.
- How can we improve the health care system we currently have?
- Think of tools for Teledoc.
- Mental health apps.
- Make data available to educate the population.
- America has an obesity, diabetes, and mental health problem, how can technology be used to encourage people to make healthier decisions?





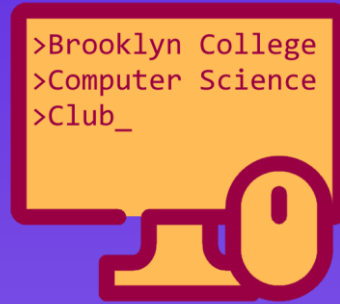
## Best Use of Cloud

### DigitalOcean \$250 Credits & Special Sammy Shirt & Anker Speakers & Anker Power Bank

- Use of cloud technologies to support/enhance the project.
- Special thanks to [Digital Ocean](#) for providing each hacker with \$50 in platform credit and Linode for providing each hacker with \$20 in platform credit with the following code HACK2020







## Best Data Science Hack

### Heated Massager & the Pragmatic Programmer Book (2nd edition)

- Best use of data to create data visualization or apply machine learning.
- You can see data offered by the city on [NYC Open Data](#)
- [Kaggle](#) has some nice datasets too!
- [Information is beautiful](#) has some wonderful data visualizations if you'd like to get inspiration!





## Best Beginner Hack

### Coffee Machine & Tea Infuser Thermos

- First timer hackers, welcome! We understand it's scary to attend your first hackathon. To level the playing field, we have a special track for first & second timers.

