6-hour days: 8am — 12pm, 1pm — 3pm.
12pm - 1pm: lunch

Before day:
Make sure they have access to collab, slack via their gmail.

Major goal:
Everyone should be able to make a game using python. Person with the best game wins a prize at the end.
We need to find a way to coordinate keeping track of their progress throughout the program.

Every day: exercise to do and take home/quizzes. Start the day by grading or going through their quizzes.

TODO: transfer all lecture notes, psets, and quizzes into the github

August 7: Introductions and Motivations
Morning Session
1) **Crypto for the People, Invited talk at Crypto 2020 by Seny Kamara**
https://www.youtube.com/watch?v=Ygq9ci0GFhA
2) Lekan on EE and CS intersections
3) Discussion on computer science, data science, and mathematics networks in Nigeria

Afternoon Sessions
Demo colab
https://colab.research.google.com/drive/15QzUb-368_UXscwxWfeRw4rHYB9Hd6AC?usp=sharing
https://colab.research.google.com/drive/1CddczQhXFuMXg3o6WauskiycwtHyXakk?usp=sharing

August 8:
Demo colab
https://colab.research.google.com/drive/15QzUb-368_UXscwxWfeRw4rHYB9Hd6AC?usp=sharing
https://colab.research.google.com/drive/1CddczQhXFuMXg3o6WauskiycwtHyXakk?usp=sharing

August 9:
Efficiency and Asymptotics

August 10:
Make a list in python
Stack ADT

August 11
Queues and Graph ADTs

August 14
Graph Traversal: Breadth-First search, Depth-First search
Afternoon Session: Project-related hacking

August 15
Dictionary, Sets, and Multisets, Trees
Afternoon Session: Project-related hacking

August 16
Sorting
Afternoon Session: Project-related hacking

August 17
Recursion, Searching
Afternoon Session: Project-related hacking

August 18
Demo day (w/ awards)

Send out a survey about how we did. How can we improve for next year?