Internet censorship:

* Countries that process strong forms of censorship
* Blocked any information on social media, text message, medium
* Drop packets that are supposed to be received
* Apply Natural language processing – NLP, tackling from different directions
* Build infrastructure and reverse engineer how censorship is practiced
* How effective and accurate it is
* Need a way to track in automated way what information goes thru and what gets blocked
* Building out a tracking system and discovering what words get blocked
* People believe that there was a single list, and everyone enforce it
  + Therefore, the form of censorship is different depending on the type of media
* Any weaknesses in the censorship program, and get around it
* Instead of a blacklist, depending on what type of media, if it’s controversial, anything related to that type of news story, will be blocked
* Monitor different feeds, RSS feeds, flag different articles
* Based on the article, how controversial it is
* Falun Gong Chinese movement
* Set machine up to proxy of china
* Banned keywords in china
* Deep packet inspections
* Difference between automated and manual techniques of blocking
* I can look at trying to look at tests to automatically generate keywords

Educational experience app – tailor specific questions to students:

* Face to face environment, instructor, if you go too fast or too slow, hinders learning
* Develop a system to assess the core knowledge of a person, use ML to watch videos and learn from videos and everyone would have a different set of questions
* Lots of different techniques
* Not many applications, just blackboard
* Trying to gamify it, so there is an incentive to learn
* Student to student interaction is more beneficial than professor to student
* Communication skills need to be improved
  + These videos and questions could improve it
* Devising a point system – create x videos, x questions, you get that many points
  + Evaluate how well they translate
* Rating system
* How to make the interface more fun, better UI
* Still is regular lecture

HCI – human computer interaction

* In python, do http git requests, automate, create file that has words in it, send it through a search engine, look at the headers in http, whether the communication was transmitted
* Create free email accounts
* Send a message from one account to another
* Look for the http git, youtube tutorials, make a request to a webpage, and tag a particular keyword
* TOUCH BASE NEXT MONDAY OR EARLIER,

Change setting in browser to uncheck proxy to non country specific

change proxy

use tor

use programmically to find another proxy all the time

look at code, modify it

find http stuff to find banned words

how long

server time

censorship time of day

friday – outline tasks and things to work on

made any progress

mention time frame

summarize and prioritize tasks

skype meeting