# CMPSC 100 SPRING 2021

The future is a bunch of '80s polygons



- Instructor: Prof. Luman
- Technical Leaders:
  - Nathan Loria
  - Sweta Rauniyar
  - Kai'lani Woodard
- Both Technical Leaders (TLs) and I have office hours - I'll share mine today and TLs' with you next week
  - All office hours appointments are virtual unless otherwise specified

After this week, course meets in groups:

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• Group A M 9:20-10:20
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- Group B W 9:20-10:20
- Labs are split
  - Group A R 2:50-3:45
  - Group B R 3:40-4:45
- Fridays both groups together
  - Can be an "all remote" day
- Quizzes are due by 8 AM on Fridays
  - A syllabus quiz will be posted to the schedule and Slack later this morning

- This class will move quickly
- Main methods of instruction:
  - "Sandboxing"
  - Worksheets
  - Weekly labs
  - A course project
- We will "sandbox" together most days except Thursdays that's Lab
  - No "sandbox" this week

- To support you, I've provided a way for you to request help: the Student Support ticket.
  - This provides a record for me and the course TLs.
  - It also allows you to keep working.

- At the beginning of the week, you will receive a "repository" (a.k.a. "repo") of the week's work
  - You can work ahead
  - You can work at the course's pace
- This work is all due on Sunday night (~11:59p)
  - Rly, who's up that late?
    - Me
    - You should be sleeping
- Preface: it seems like a lot
  - It is, but we'll work iteratively

I have a thing that seems obvious, but I must repeat it:

You are allowed to work together -- fact. However, don't copy/paste or type out exact code that another student or online forum provides.

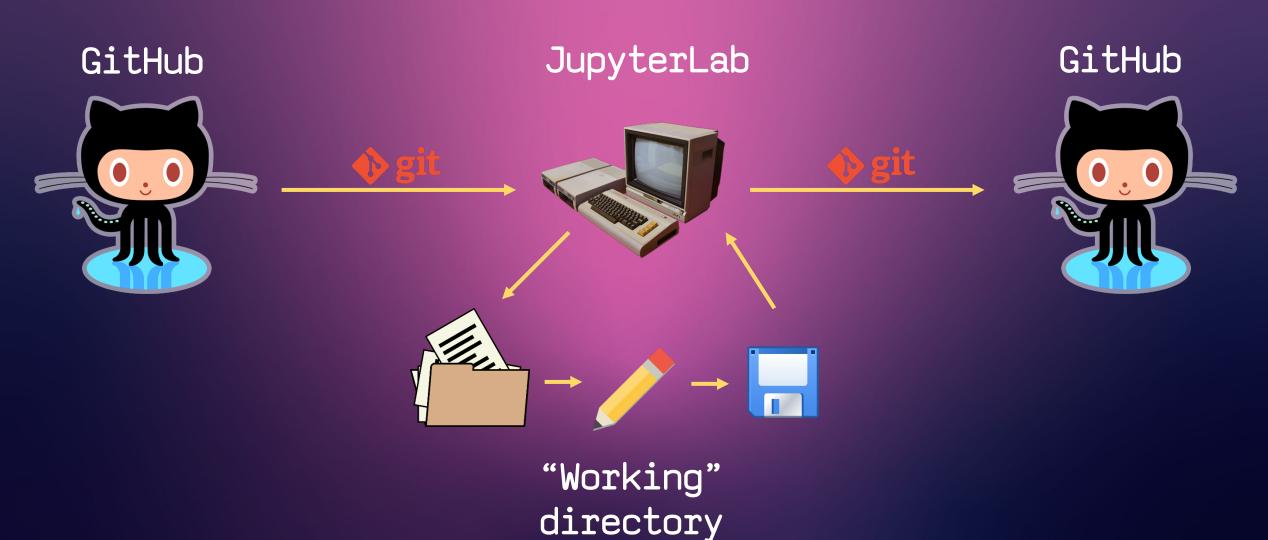
#### COURSE TOOLS: SLACK

- Slack is our main form of communication
- You can direct message me pretty much any time; I'm probably there
  - I don't know what that says about me
- If you haven't signed up already:
  - https://chomp.link/join-slack
- If nothing else, emojis

#### COURSE TOOLS: JUPYTERHUB

- We will use this platform this semester
  - Future CMPSC courses have a different approach
- I manage the server
  - Come to me with technical issues
- You need to use your GitHub to log in
  - Most of you have already done this
  - If you get a 403 error, I need to add you to the access list or fix my spelling

## COURSE TOOLS: GITHUB



### GETTING STARTED: SSH



We need to create a key

- This will secure our communication between the course Jupyter and GitHub
- It's often referred to as an SSH key
  - I made a 10+ minute video on it (linked in the assignment)
    - I don't know how it turned out to be 10 minutes

## GETTING STARTED: SSH



ssh-keygen -t rsa -b 4096 -C "YOUR ALLEGHENY EMAIL"