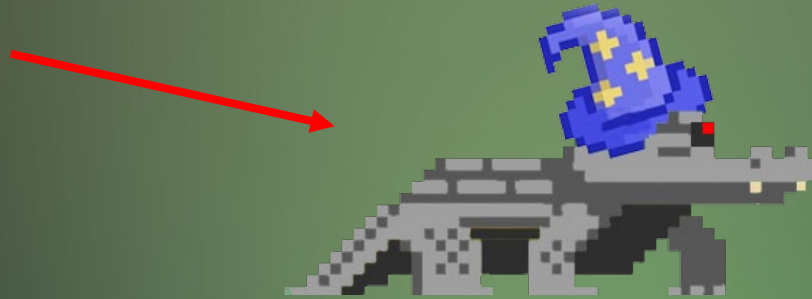


G.WIZ




LS 190

YOU MUST BUILD A BOT

# What am I doing here?

Good question; I often wonder the same thing.



- Our goal: make a bot
  - It's more complicated than that
- Learning to read bots as:
  - Art
  - Parody (possibly)
  - Service providers
  - Communications tools

# What can I learn just from a bot?

- Python
- API interactions
- Problem solving
- Ethics
- Conceptual thinking
- Art strategies
- Critical information study
- Distributed software development
- & much more

# How will we do all that?

- Using a few platforms:
  - Ubuntu (Unix)
  - JupyterLab
  - Python
    - & various “modules”
  - GitHub
- Using a few methods
  - Readings
  - Worksheets
  - Code review

# So, who is this person?

- Multi-disciplinary artist working in:
  - Sound
  - “Net art”
  - Computational constraint
- Bots are a part of this work:
  - @general\_caution
  - @cfp\_bot
  - @fakemrwizard
  - @relativeprob
  - “In the Path of Totality”

# Course platforms

GitHub



JupyterLab



GitHub



“Working”  
directory

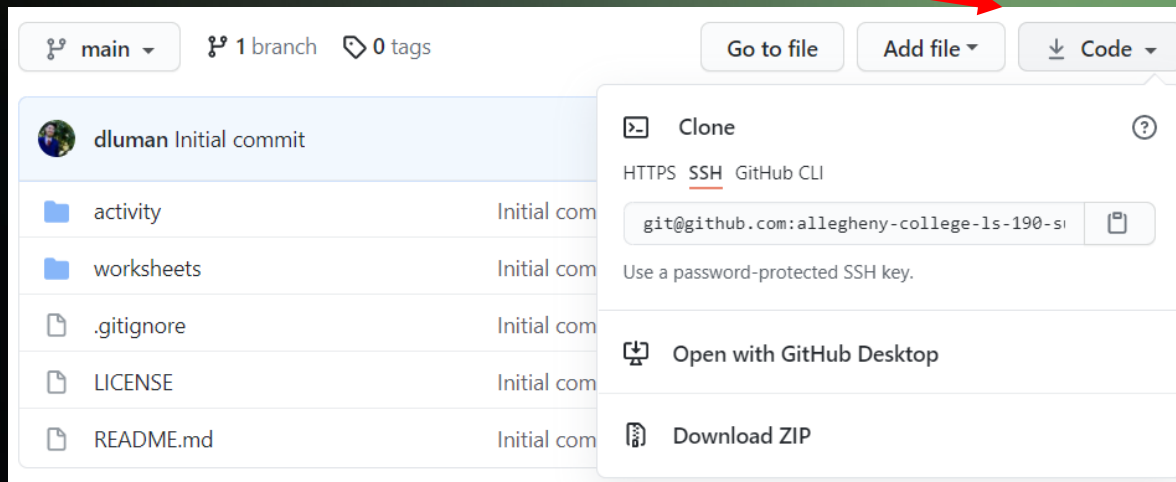
# SSH Keys



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

# “Downloading” content

- Content is stored in a **repository**
  - Think of it as a fancy “folder”
- We **clone** it from GitHub to establish a link





# “Cloning” a repository

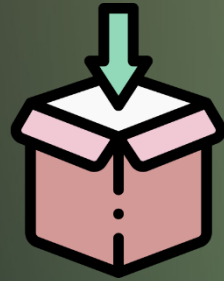
Insert link copied  
in previous step



```
git clone ...
```

# Sending changes to GitHub

1



```
git add .
```

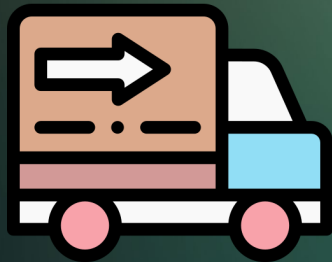
2



```
git commit -m "{COMMIT MESSAGE}"
```

```
git commit -m "Submitting assignment"
```

3



```
git push
```

WORKING TIME