**1. Install git:**

a. Verify it does not exist on your system by typing ‘git’

b. If it isn’t on your system, install from: https://git-scm.com/downloads

c. Do not install the GUI client

d. Be sure to test that the client is installed, at a prompt enter ‘git’ and make sure the command is found

**2. Create github account:**

a. Create an account at www.github.com

**3. Install Python 3.x (latest):**

a. Verify is it not on your system by typing ‘python’

i. If it is not installed you will see an error that the command is not found, try also ‘python3’ in case your system has multiple versions.

ii. If it is installed, it should give you some status information followed by a prompt.

Type ‘exit()’ at the prompt

b. If it is not installed, install it from: https://www.python.org/downloads/ and follow the directions

c. Verify it was installed (repeat step ‘a’ above)

d. Make a note of how to start Python (is it ‘python’ or ‘python3’?)

**4. Install pip:**

a. Verify whether pip is installed by entering ‘pip’, if you have an error about the command not found try ‘pip3’ instead.

b. If you need to install, install from: https://pip.pypa.io/en/stable/installing/ and be sure to follow all directions

c. Re-verify whether it is installed or not

**5. Install Django:**

a. If you had to install either Python or Pip, then you may already have Django, you can test with: python -c "import django; print(django.\_\_path\_\_)" Note: If you used ‘python3’ to start python, then use ‘python3’ in the above command b. If you need to install it, follow the instructions at: <https://docs.djangoproject.com/en/1.11/topics/install/>

**6. Install Database:**

a. sudo apt-get install postgresql

a. which psql

b. psql