**INSTALLATION------------------------------------------------------------------------------------------------------**

**1. Create new account with csadmin**

**2. Log in as your account**

**In terminal...**

**3. $ sudo apt-get install git**

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following extra packages will be installed:.......

**Type 'Y' when prompted**

Do you want to continue [Y/n]? Y

…...Unpacking git (from .../git\_1%3a1.7.10.4-1ubuntu1\_amd64.deb) ...

Processing triggers for man-db ...

Setting up liberror-perl (0.17-1) ...

Setting up git-man (1:1.7.10.4-1ubuntu1) ...

Setting up git (1:1.7.10.4-1ubuntu1) ...

**4. $ sudo apt-get install tasksel**

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following extra packages will be installed:......

**Type 'Y' when prompted**

Do you want to continue [Y/n]? Y

…...Unpacking tasksel (from .../tasksel\_2.88ubuntu12\_all.deb) ...

Processing triggers for man-db ...

Setting up tasksel-data (2.88ubuntu12) ...

Setting up tasksel (2.88ubuntu12) ...

**5. $ sudo tasksel**

**- down arrow to LAMP and space bar to enter a \*.**

[\*] LAMP

**- Enter.**

**- Hit Enter when prompted to set a password, until LAMP package is fully installed.**

**6. $ sudo a2enmod userdir**

Enabling module userdir.

To activate the new configuration, you need to run:

service apache2 restart

**7. $ sudo service apache2 restart**

\* Restarting web server apache2

apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.1.1 for ServerName

... waiting apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.1.1 for ServerName

**8. $ sudo apt-get install python-pip**

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following extra packages will be installed:...

**Type 'Y' when prompted**

Do you want to continue [Y/n]? Y

….Unpacking python-pip (from .../python-pip\_1.1-3\_all.deb) ...

Processing triggers for man-db ...

Setting up python-setuptools (0.6.28-1ubuntu2) ...

Setting up python-pip (1.1-3) ...

**9. $ pip install flask**

Downloading/unpacking flask

Downloading Flask-0.9.tar.gz (481Kb): 481Kb downloaded

Running setup.py egg\_info for package flask....

…..Successfully installed flask Werkzeug Jinja2

Cleaning up...

**10. sudo apt-get install build-essential python-dev python-numpy python-setuptools python-scipy libatlas-dev**

Reading package lists... Done

Building dependency tree

Reading state information... Done

build-essential is already the newest version....

**Type 'Y' when prompted**

Do you want to continue [Y/n]? Y

….Selecting previously unselected package libatlas-dev.

(Reading database ... 213907 files and directories currently installed.)

Unpacking libatlas-dev (from .../libatlas-dev\_3.8.4-8ubuntu1\_all.deb) ...

Setting up libatlas-dev (3.8.4-8ubuntu1) ...

**11. sudo apt-get install python-matplotlib**

Reading package lists... Done

Building dependency tree

Reading state information... Done

**12. git clone** [**https://github.com/richardneal/Hyperflask.git**](https://github.com/richardneal/Hyperflask.git)

**URL taken from** [**https://github.com/richardneal/Hyperflask**](https://github.com/richardneal/Hyperflask)

**(url is under HTTP tab)**

Cloning into 'Hyperflask'...

remote: Counting objects: 202, done.

remote: Compressing objects: 100% (92/92), done.

remote: Total 202 (delta 125), reused 182 (delta 105)

Receiving objects: 100% (202/202), 66.96 KiB, done.

Resolving deltas: 100% (125/125), done.

**RUNNING----------------------------------------------------------------------------------------------------**

**In terminal...**

**1. While in the new Hyperflask directory, type the command: $ python hyperflask.py**

\* Running on http://127.0.0.1:5000/

\* Restarting with reloader

**In web browser...**

**2. Type in localhost:5000**

**UPDATING-------------------------------------------------------------------------------------------------**

**In terminal...**

**1. While in the Hyperflask directory, type the command: $ git reset –hard**

sample output

**2. $ git pull**

sample output

**PUSHING**

**?**

**APPENDIX-------------------------------------------------------------------------------------------------------**

(Not needed for flask, but good to install)

**INSTALLING PHP**

**In terminal...**

**1. $ sudo gedit /etc/apache2/mods-available/php5.conf**

**In the window that appears, comment out the following lines (add a '#' on each line):**

# To re-enable PHP in user directories comment the following lines

# (from <IfModule ...> to </IfModule>.) Do NOT set it to On as it

# prevents .htaccess files from disabling it.

#<IfModule mod\_userdir.c>

# <Directory /home/\*/public\_html>

# php\_admin\_value engine Off

# </Directory>

#</IfModule>

**2. $ sudo service apache2 restart**

\* Restarting web server apache2

apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.1.1 for ServerName

... waiting apache2: Could not reliably determine the server's fully qualified domain name, using 127.0.1.1 for ServerName

**INSTALLING R**

**In terminal...**

**1. $ sudo apt-get install r-base**

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following extra packages will be installed:

r-base-html

**Type 'Y' when prompted**

Do you want to continue [Y/n]? Y

Selecting previously unselected package r-base-html.

Unpacking r-base-html (from .../r-base-html\_2.15.1-5ubuntu1\_all.deb) ...

Setting up r-base (2.15.1-5ubuntu1) ...

Setting up r-base-html (2.15.1-5ubuntu1) ...