**EC2 SET UP**

**cebirnie@Claires-MacBook-Air:~$** chmod 600 ~/.ssh/bootcamp2017.pem

**cebirnie@Claires-MacBook-Air:~$** ssh -i ~/.ssh/bootcamp2017.pem ubuntu@**DNSPATH**

SETTING UP OPENCV

sudo apt install python2.7

sudo apt install python-pip

sudo apt install ipython

pip install numpy

pip --no-cache-dir install scipy

sudo apt-get install build-essential

sudo apt-get install cmake git libgtk2.0-dev pkg-config libavcodec-dev libavformat-dev libswscale-dev

sudo apt-get install python-dev python-numpy libtbb2 libtbb-dev libjpeg-dev libpng-dev libtiff-dev libjasper-dev libdc1394-22-dev

mkdir hackathon

cd hackathon/

git clone https://github.com/opencv/opencv.git

git clone https://github.com/opencv/opencv\_contrib.git

cd opencv

mkdir build

cd build/

cmake -D CMAKE\_BUILD\_TYPE=Release -D CMAKE\_INSTALL\_PREFIX=/usr/local ..

make

sudo make install

sudo apt install python-opencv

PASSING FILES ACROSS

rsync -avz --progress -e 'ssh -i ~/.ssh/bootcamp2017.pem' [local path] ubuntu@DNSPATH:[path on ec2]