MAC INSTALL

1) Confirm your Python version

Python2 is installed by default on Apple computers, Python 3 is not. Check your version by opening your terminal and typing

```
$ python -V
```

If Python3 is installed on your system, you should see which version you currently have. If it shows version 3.x.x, please proceed to step 2.

If Python3 is NOT installed you will see version 2.x.x

2) INSTALLING XCODE & HOMEBREW

We need the Xcode package for Homebrew and command line tools.

```
$ xcode-select --install
```

Click through all the confirmation commands (Xcode is a large program so this might take a while to install depending on your internet connection)

Install Homebrew by pasting this command in your terminal

```
$ /usr/bin/ruby -e "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

Confirm Homebrew by typing

```
$ brew doctor
```

You should see "Your system is ready to brew"

Now, we need to update your bash profile. To do this type:

```
$ open ~/.bash_profile
```

When this file opens add this line to end of the file

```
export PATH=/usr/local/bin:$PATH
```

3) INSTALLING PYTHON3

```
$ brew install python3
```

Confirm your install by typing

```
$ python3 -V
```

3) INSTALLING OPENCV

Ensure Homebrew is updated

```
$ brew update
```

Tap Homebrew/Bio

```
$ brew tap brewsci/bio
```

Install OpenCV3

```
$ brew install opencv3
```