

Installation instructions for a raspberry pi

1. Download the chrome web driver by typing “sudo apt-get install chromium-chromedriver”
 - a. Also make sure you copy the path of where it’s installed
2. Download all the python libraries we need, type these commands into the terminal
 - a. “pip install -Iv openai==0.27.8”
 - b. “pip install selenium”
 - c. “pip install requests”
 - d. “pip install BeautifulSoup”
3. Open a terminal window in the path of the “facebook bot selenium with ML” folder
4. The code checks a few paths on the machine to function, you need to change some of these path locations for our code to function properly
 - a. In “main.py” change the 2 underlined portions of the code to the path of where your python installation is located

```
timeInBetweenPost+=6
if(timeInBetweenPost>24): # whole day passed so we make a post
    timeInBetweenPost=0
    subprocess.call("/home/pi/Python-3.9.15/python facebook_posts.py 1", shell=True)
else: # we check our dms and friend requests
    pass
    subprocess.call("/home/pi/Python-3.9.15/python chatbot.py 1", shell=True)
```

- b. In “chatbot.py” we specify the path of the chrome driver on line 26, make sure you replace that path with what path you saved from step 1

```
26 PATH= "/usr/lib/chromium-browser/chromedriver"
27 |
28 chrome_driver_path = Service(PATH)
29
```

- c. We do something similar for “facebook_posts.py”, replace line 126 with your path to the chrome web driver

```
126 PATH= "/usr/lib/chromium-browser/chromedriver"
127
128 chrome_driver_path = Service(PATH)
129
```

5. Now we should have everything in order for chatbot to work, in terminal (assuming you are in the same path as our code) type “python main.py”. Every 6 hours it calls “chatbot.py” and check the direct messages and friend requests of our account and every 24 hours it will make a new Facebook post by calling “facebook_posts.py”.