

The program below will retrieve the external and internal IP addresses of the Raspberry Pi. You could expand the program to include emailing of the IP addresses to your email account. Then if you set this Python script to run automatically when the Raspberry Pi boots up, it will automatically email the IP addresses to you.

```
#Python 2.7 program to determine internal and external ip addresses

import subprocess
import tempfile

intIP = '192'    #create variables here so that they are global
extIP = '193'

with tempfile.TemporaryFile() as tempf:
    proc = subprocess.Popen(['hostname', '-I'], stdout=tempf)
    proc.wait()
    tempf.seek(0)
    intIP = tempf.read()

with tempfile.TemporaryFile() as tempf:
    proc = subprocess.Popen(['curl', 'ifconfig.me'], stdout=tempf)
    proc.wait()
    tempf.seek(0)
    extIP = tempf.read()

print 'external IP: ', extIP
print 'internal IP: ', intIP
```