## Installation procedure for Raspberry Pi

* Prepare a MicroSD card with NOOBS
* Insert into Pi, and boot
* Install Raspbian
* sudo raspi-config
  + Boot to console, not logged in
  + Advanced
    - Audio
      * Force 3.5mm
    - Hostname
* sudo apt-get update
* sudo apt-get install tightvncserver
  + To start it, run tightvncserver :1 -geometry 1280x720 -depth 24
  + To connect, use TightVNC, <ip-address>:5901
* sudo apt-get install git
* sudo apt-get install arduino
* sudo apt-get install python
* sudo apt-get install python-bottle
* sudo apt-get install python-netifaces
* sudo apt-get install flite
* sudo chmod 666 /dev/ttyAMA0
* #sudo apt-get install apache2 libapache2-mod-python
* #sudo usermod -aG dialout www-data
* #sudo a2enmod cgi
* sudo mkdir /steve
  + sudo chown pi:pi /steve
  + cd /
  + git clone https://github.com/danjoannis/steve.git

## Adding WiFi Networks

* sudo nano /etc/interfaces
  + Set DHCP
* sudo nano /etc/wpa\_supplicant/wpa\_supplicant.conf
* network={  
   ssid="testing"  
   psk="testingPassword"  
  }
* No spaces (save indenting)