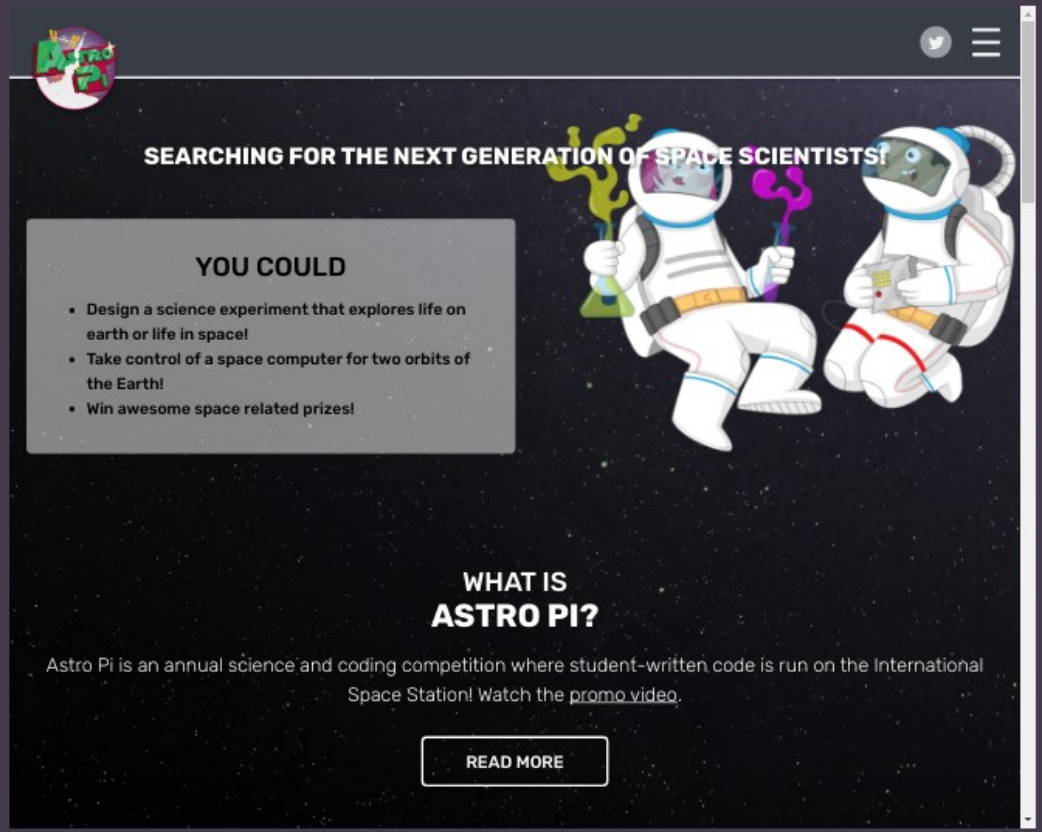
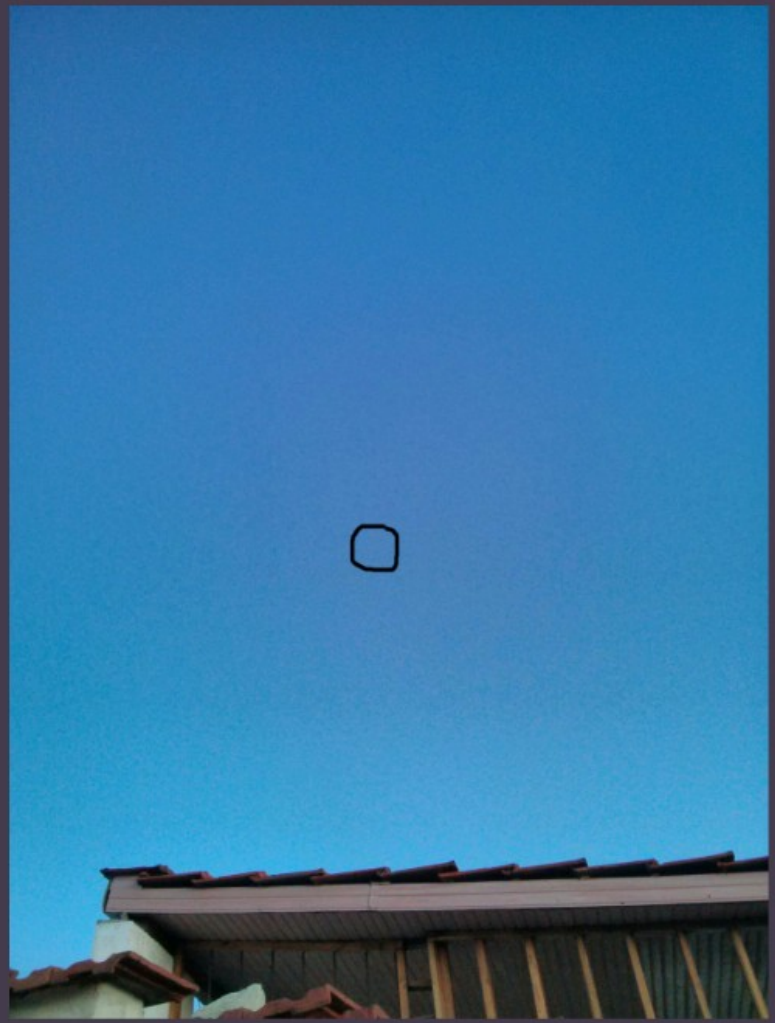
Η μέτρηση του π στον Διεθνή Διαστημικό Σταθμό

ΓΕΛ Χαλάστρας

Astro Pi competition

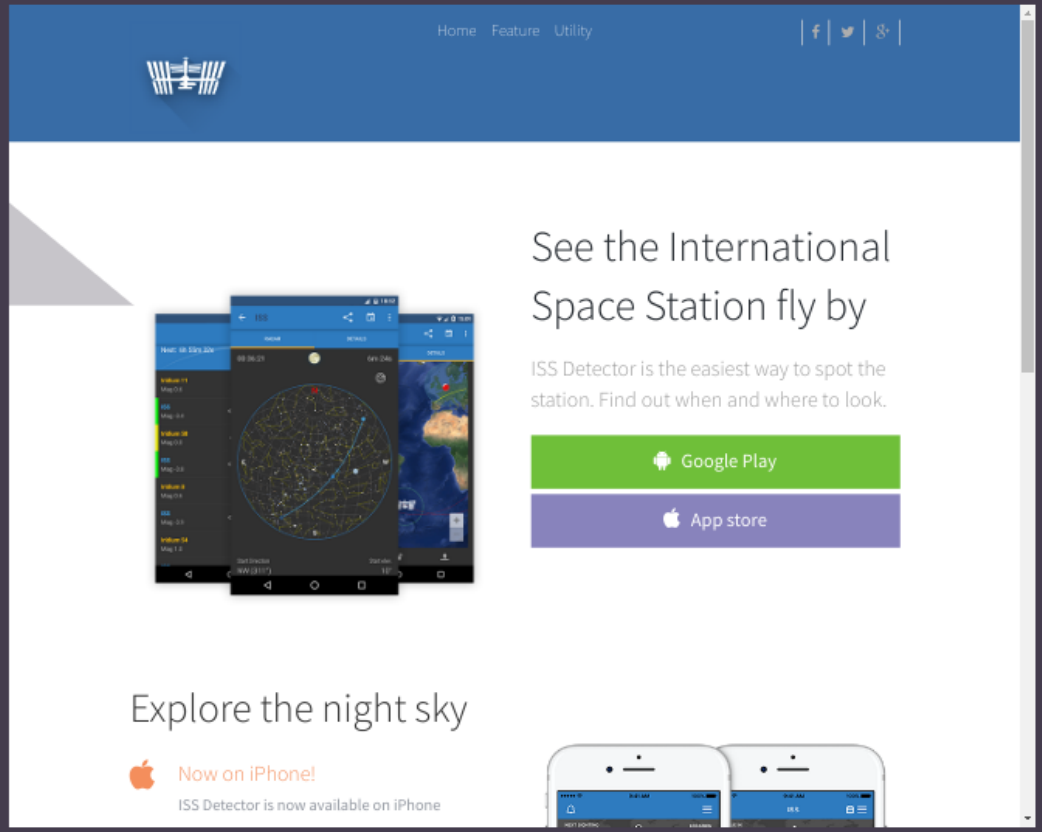


IMG20171217_171831.jpg



Spot the Station

ISS Detector

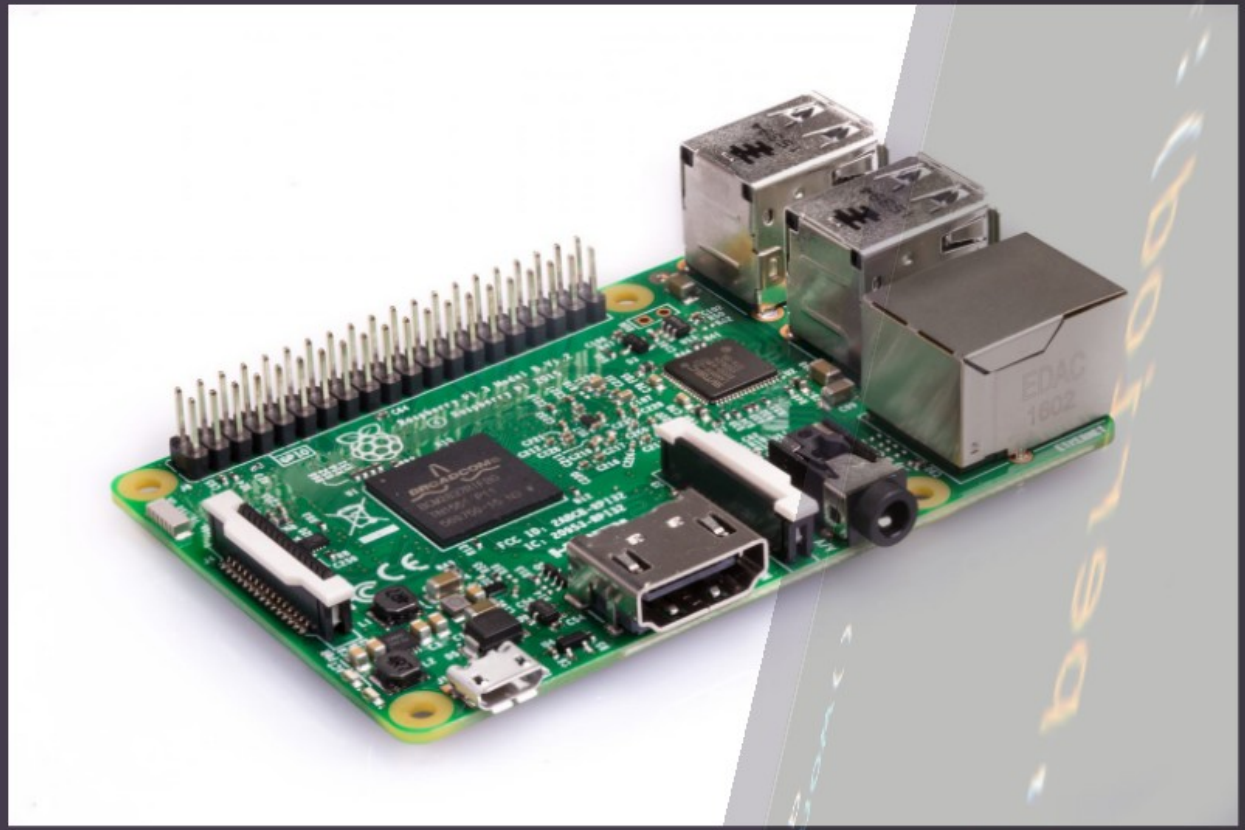


ISS tracker

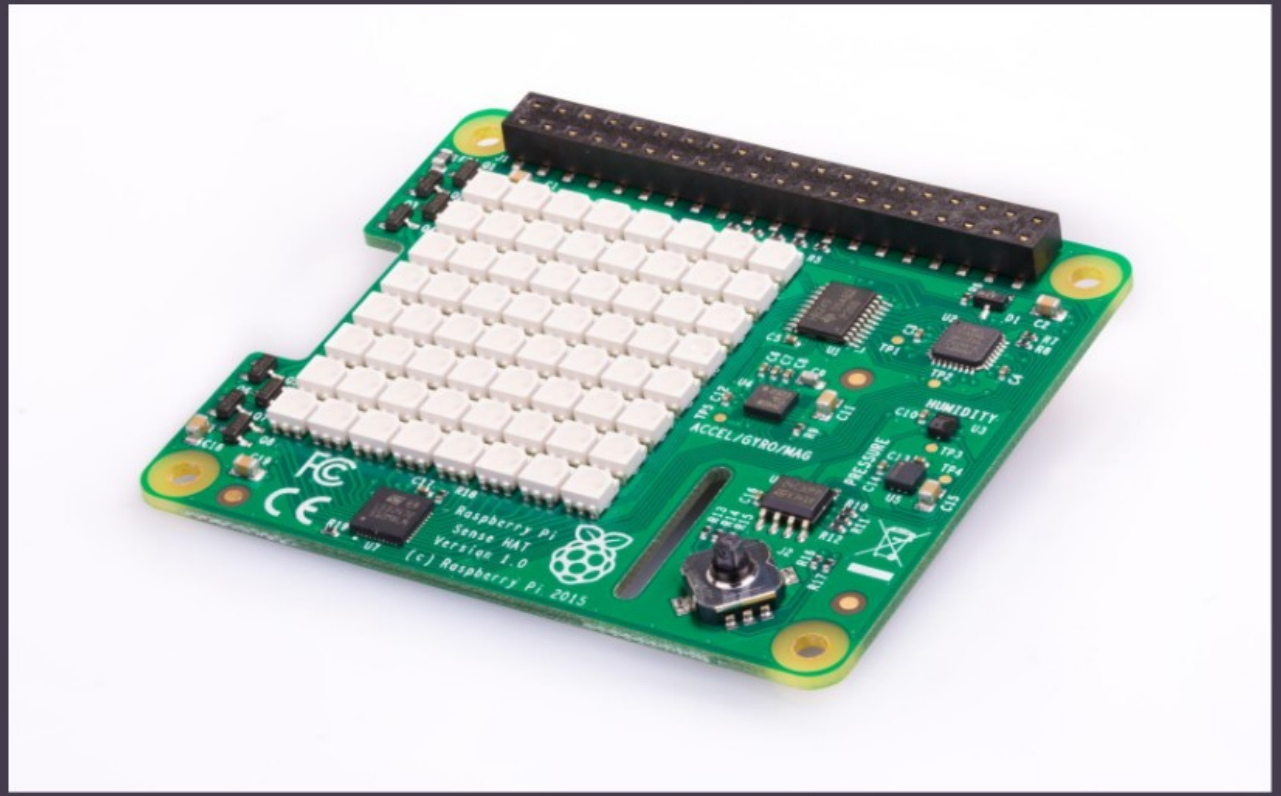

I.S.S. TRACKER
Longitude
-146
-78
59
127
Latitude
69
35
0
-35
-69
46.902
MPH
17,275
17,250
17,225
17,200
17158.81
VEL
MILES
255.23
240
230
220
210
200
ALT
UNITS
Google
Map
Satellite
Show Orbital Path
ISS Centered
Show Horizon
Find us on Facebook
Home
Image Galle
Was that the
News
Extras
About
Sponsored E

Ρώσος κοσμοναύτης στον ISS
http://bit.ly/2NEOwPP

Raspberry Pi



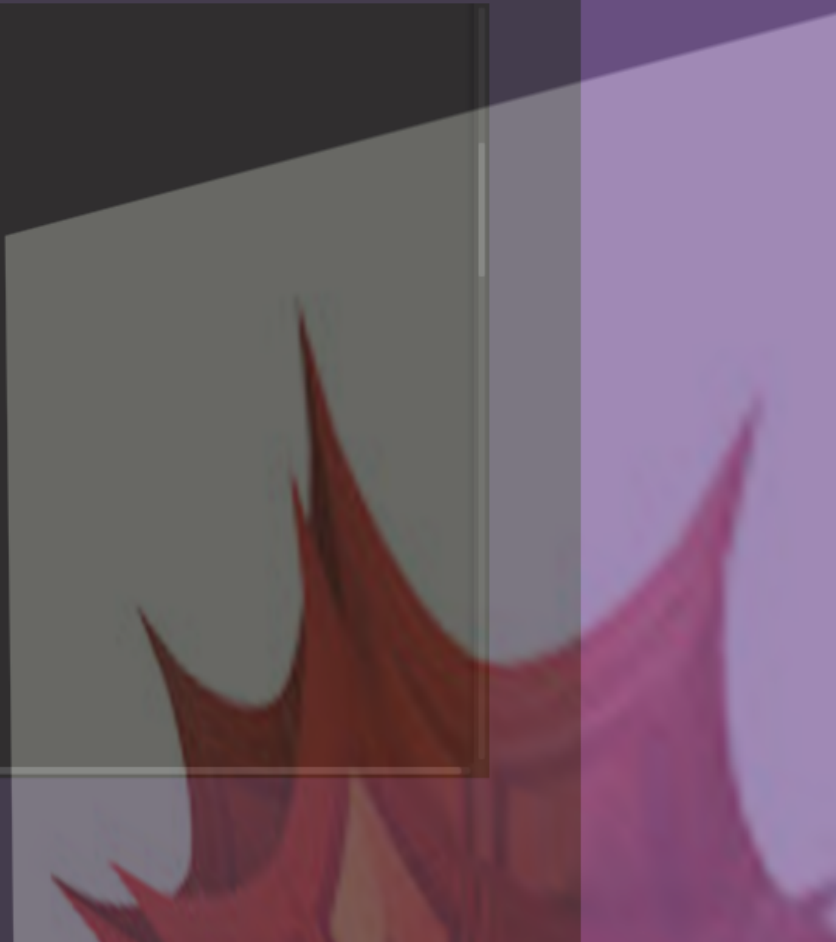
Sense Hat


Raspberry Pi
Sense HAT
Version 1.0
(c) Raspberry Pi. 2015
ACCEL/GYRO/MAG
HUMIDITY
PRESSURE

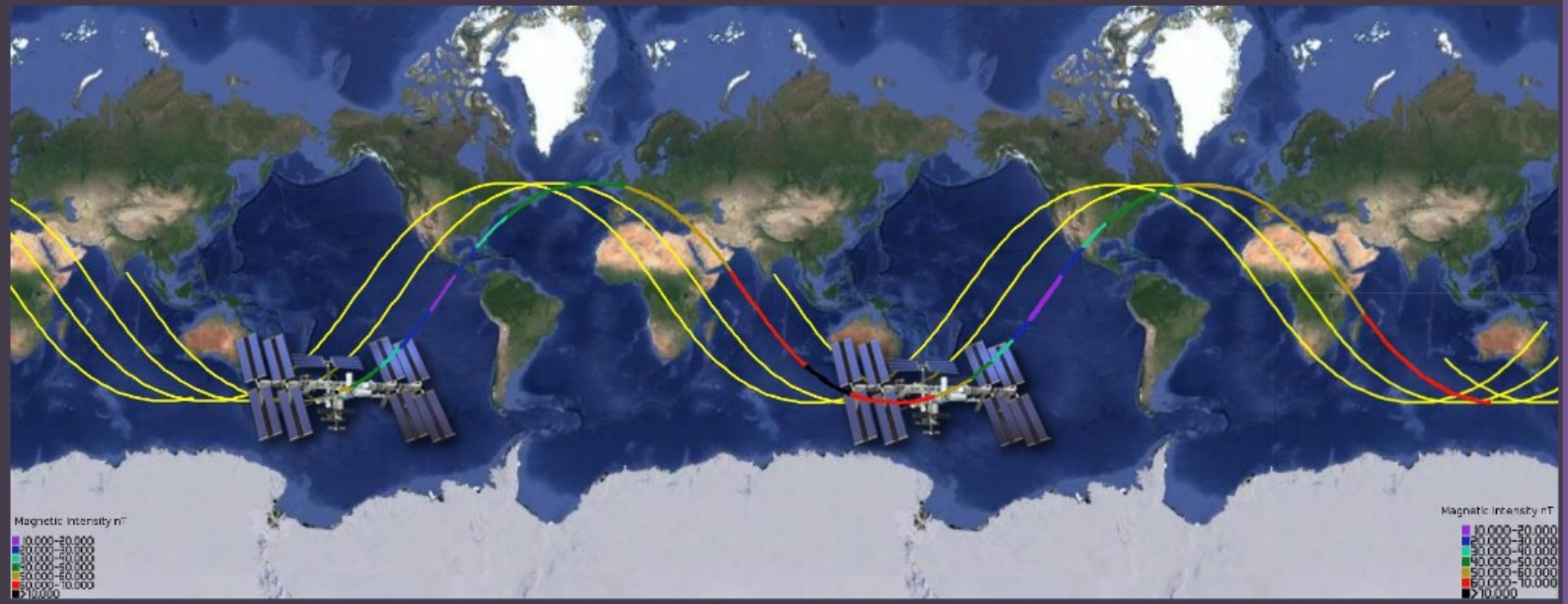
Astro Pi

python

```
30    sense_data.append(orientation["roll"])
31    mag = sense.get_compass_raw()
32    sense_data.append(mag["x"])
33    sense_data.append(mag["y"])
34    sense_data.append(mag["z"])
35    acc = sense.get_accelerometer_raw()
36    sense_data.append(acc["x"]).3.3
37    sense_data.append(acc["y"])
38    sense_data.append(acc["z"])
39    gyro = sense.get_gyroscope_raw()
40    sense_data.append(gyro["x"])
41    sense_data.append(gyro["y"])
42    sense_data.append(gyro["z"])
43    sense_data.append(datetime.now())
44    return sense_data
45
46  def compute_pi(dy,dt0,period):#get my pi
47    df=math.radians(dy)
48    if dt0!=0 :
49      w=df/dt0
50      p=w*period/2
51      return p
52    else:
53      return 0
54
55  timestamp=datetime.now()
56  timestamp0=timestamp
57  delay=5
58  mydata=[]
```

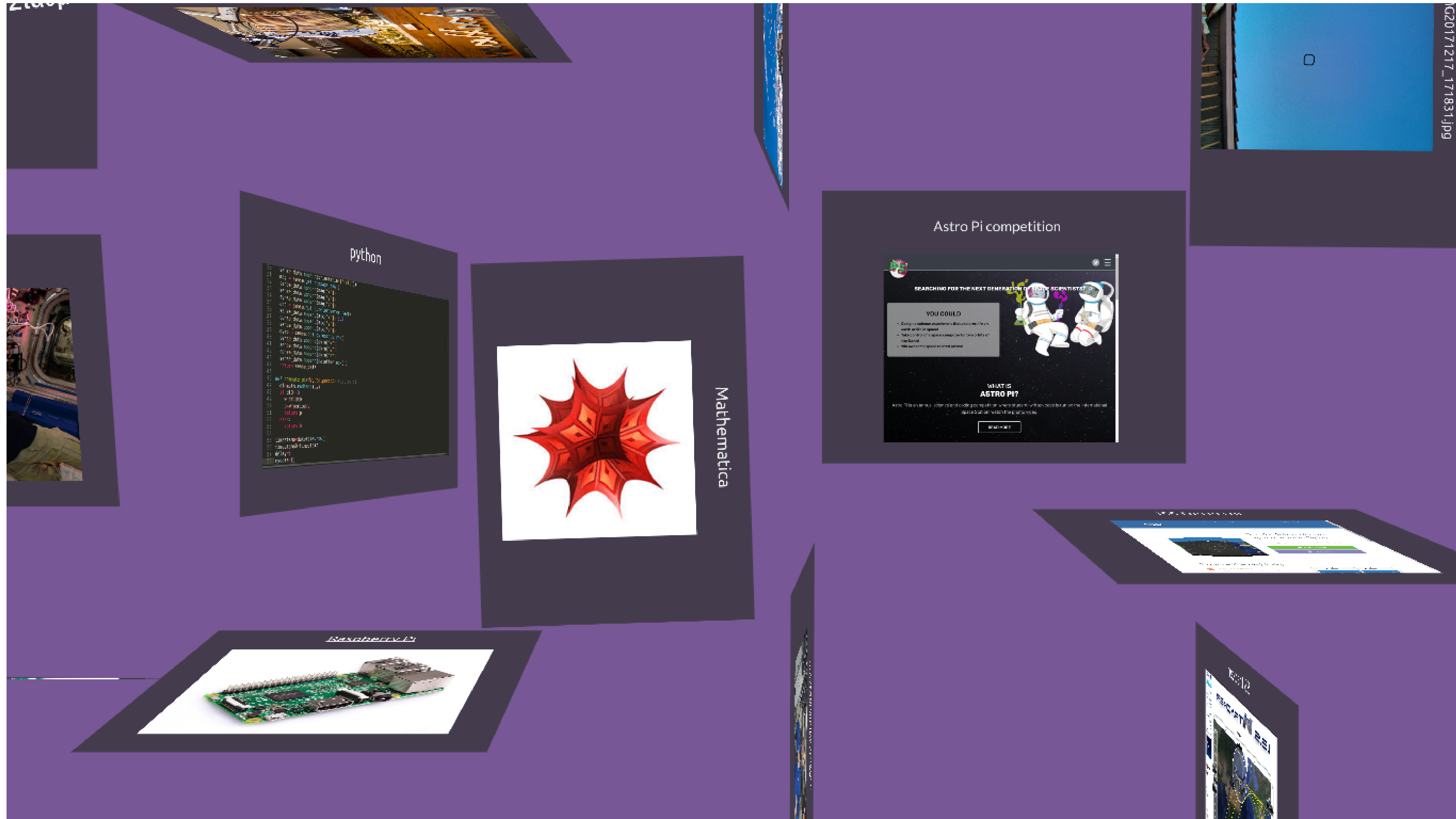


2ο ΓΕΛ Καλαμαριάς



ISS Street View

Mathematica


python
Mathematica
Astro Pi competition
YOU COULD
WHAT IS
ASTRO PI?
Raspberry Pi