```
imort re

String = "Search this inside of this Text fleeey!"
Pattern = re. compile ('This')
    a = Pattern. search (string)
    b = Pattern. finall (string)
    c = Pattern. full match (string)
    print (c)
```

Python Email validation regix

$$r "(^ [a - z A - Z 0 - 9 - . + -] + @ [a - z A - Z 0$$
$$- 9 -] + \backslash . [a$$
$$A - z 0 - 9 -.] + \$)$$

< _____ > @ < ___ > . Com

Full Match - a@a.Com

Greep Match - a@a.Com

These are used in extracting information from text such as Code, log files, Spreadsheets, or even documents,

Pattern = re- compile (r " _____)

```
a = patter.seach (string)

print (a)
```

password checker,

8 characters   at least 8 characters long

or " [A-Z a-z 0-9 $ %. # @]

```
a . pattern . search (string)

check = pattern . full seach ()
```

Testing   print

Test.py   (Never) runs in production, before

into production   pylint, pyflakes, pycharm

Auto . PEP8

import unitest

main . py

```
def do_pro (num):

    return num + 5.
```

```
class TestMain (unittest. TestCase):

    def test_do_stuff (self):
        num = 10
        result = main.do_stuff (num)


        return int (num) + 5


    self.assert (valat; numer)

    result = main.funname (_____)
                                parameter

    assert isInstance (a, b)

    import script
```
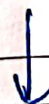
Mashup - Template . Com.

Kevin Kelly

Job Board

Toronto

1~2 Big Projects   Christine Aqui

Front End react js
Back) End restfull API server (Express js) classmate
database· postgress.
deployed via docker,

Blog   Medium   BLOCKCHAIN

Scripting With python

↳ More efficient

More productive

IMAGE PROCESSING

Instagram →2MB ↔ orginal ← 15MB

Compressing the pics

Even videos are same Compressing them,

Image processing python, open cv

pillow → library.

pif3 install pillow

Developer fundamentals
Picking the Correct library.

PIL ↔ Pillow .

Images.

Xenegame. jpg.
Squitle. jpg.
Pokedex .

from PIL import Image.

img = Image. open ('<path>',

. / Pokedex / Pikachu. jpg

print (img)

we get PIL object with Details