**Counting Vitae: - The Counting Vitae has been programmed in python and the histogram follows the code.**

import re

from collections import Counter

import numpy as np

import matplotlib.pyplot as plt

def CharCount():

word\_list=[]

d={}

with open("res.txt") as f:

for line in f:

for word in line.split():

p=re.compile(r'[a-zA-Z]')

m=p.findall(word)

for char in m:

word\_list.extend(char.strip())

WordToLower=[element.lower() for element in word\_list]

labels, values = zip(\*sorted(Counter(WordToLower).items()))

indexes = np.arange(26)

plt.bar(indexes, values)

plt.xticks(indexes,labels)

plt.title('Character Count in Resume')

plt.xlabel('Characters')

plt.ylabel('Count')

plt.show()

for w in WordToLower:

d[w] = WordToLower.count(w)

for k in sorted(d):

print(k + ':' + str(d[k]))

if \_\_name\_\_ == '\_\_main\_\_':

CharCount()

Output :

a:177

b:31

c:85

d:73

e:222

f:31

g:54

h:59

i:155

j:3

k:14

l:83

m:49

n:155

o:133

p:54

q:4

r:134

s:139

t:150

u:62

v:20

w:23

x:6

y:30

z:5

