

ListJob Project

Monday, January 18, 2021 11:39 PM

Problem Definition:

Write a program to extract the skill sets and corresponding jobs with that skill set in listed
The skill set you are looking for is "engineering and technology"

Output: list of all the jobs that have this skill in the job requirement

For this exercise use the public api : <http://api.dataatwork.org/v1/>

The api is explained here <https://github.com/workforce-data-initiative/skills-api/wiki/API-Overview>

Make use of the skills api <https://github.com/workforce-data-initiative/skills-api/wiki/API-Overview#4-skill-name-autocomplete>

Then make use of the related job skills api <https://github.com/workforce-data-initiative/skills-api/wiki/API-Overview#9-get-associated-jobs-for-a-skill>

Explore the api and try it out here <http://api.dataatwork.org/v1/spec/>

****Bonus: Create an array of all the jobs with the skill and push the payload to a requestbin (<http://requestbin.net/>).

Git URL: https://github.com/KrithiSri-Git/Python_Projects

Script Name : *getjoblistenggtech.py*

Script extracts the job list using api into an array based on the skill 'engineering and technology' and posts the result to requestbin.

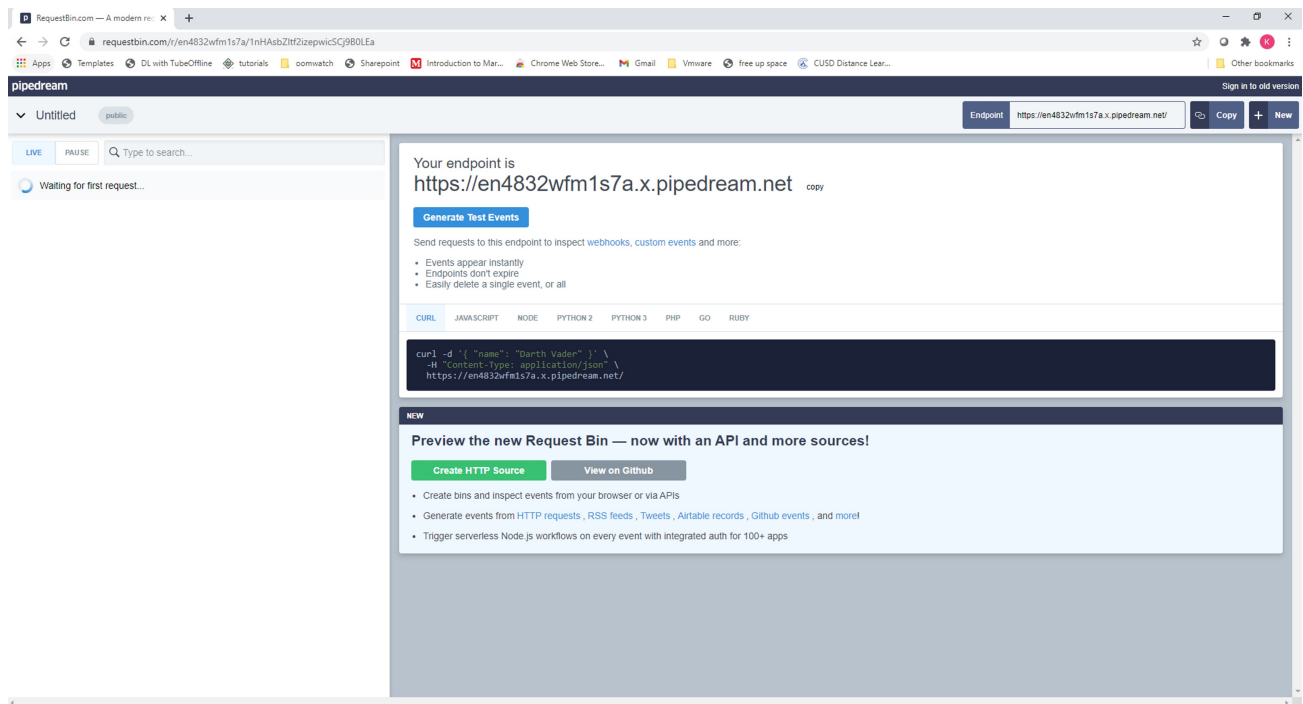
Output Snapshot

```
pythonProject - getjoblistenggtech.py
pythonProject / getjoblistenggtech.py
21
22 resp_joblist = requests.get("http://api.dataatwork.org/v1/skills/" + skill_uuid_engg_tech + "/related_jobs")
23 data_joblist = resp_joblist.text
24 dict_joblist=json.loads(data_joblist)
25 #print(json.dumps(dict_joblist, indent=4))
26 print("Number of Jobs posted :", len(dict_joblist['jobs']))
27
28 print("-----")
29 print(" List of Job Titles ")
30 print("-----")
31
32 #Store the job list in the array
33 for i in dict_joblist['jobs']:
34     array_joblist.append(i['job_title'])
35
36 #End of For Loop
37
38 # Print the array Joblist with the number of records
39 print(len(array_joblist))
40 print(array_joblist)
41 headers={'Title': 'Engineering Jobs'}
42 data=json.dumps(array_joblist)
```

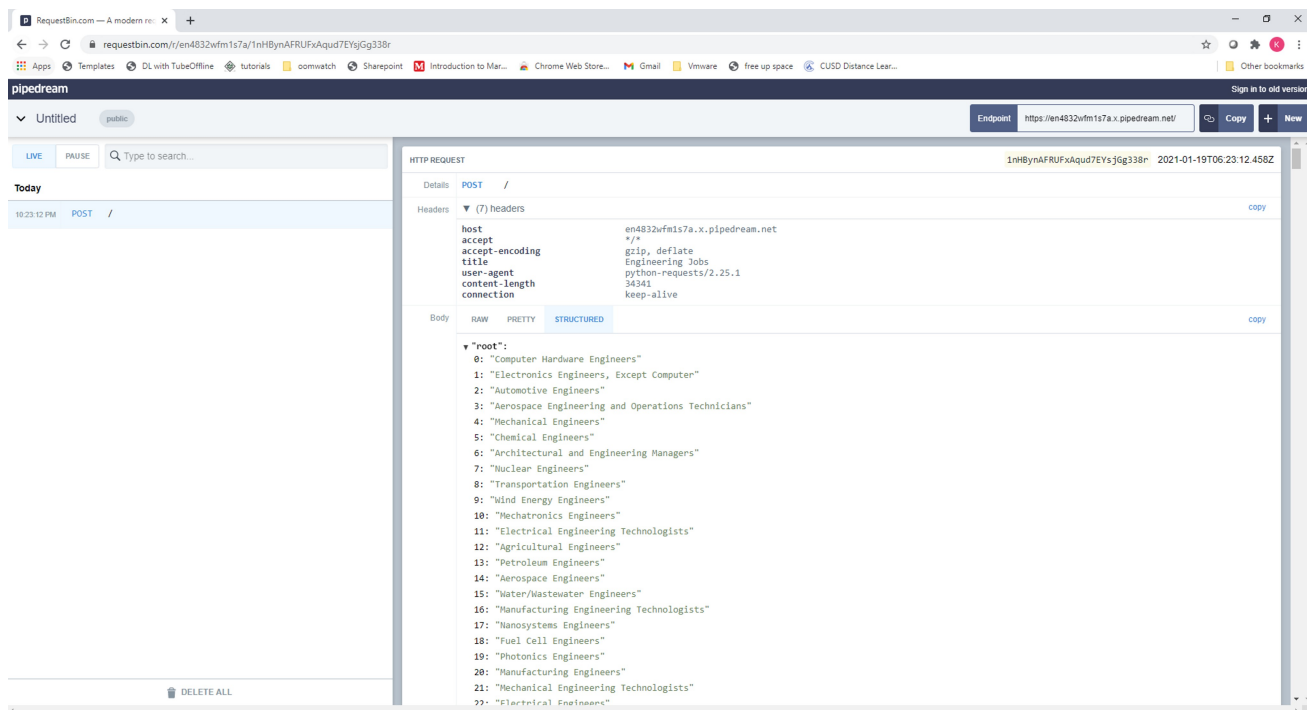
```
Run: getjoblistenggtech x
C:\Users\Krithiga S\PycharmProjects\pythonProject\venv\scripts\python.exe "C:\Users\Krithiga S\PycharmProjects\pythonProject\getjoblistenggtech.py"
[
  {
    "uuid": "c09c8f8c163907ac25a37c3dd591ba2e",
    "suggestion": "engineering and technology",
    "normalized_skill_name": "engineering and technology"
  }
]
UUID for 'engineering and technology': c09c8f8c163907ac25a37c3dd591ba2e
Number of Jobs posted : 954
-----
List of Job Titles
-----
954
['Computer Hardware Engineers', 'Electronics Engineers, Except Computer', 'Automotive Engineers', 'Aerospace Engineering and Operations Technicians', 'Mechanical Engineers', 'Chemical Engineers', 'Architectural and Engineering', {'success':true}]
Process finished with exit code 0
```

Request Bin

<https://en4832wfm1s7a.x.pipedream.net/>



Output posted to requestbin



RequestBin.com — A modern re...x

requestbin.com/r/en4832wfm1s7a/1nHBynAFRUfxAqud7EYyGg338r

AppsTemplatesDL with TubeOffline...tutorialsloomwatchSharepointIntroduction to Mar...Chrome Web Store...GmailVmwarefree up spaceCUSD Distance Lear...

pipedreamSign in to old version

▼UntitledpublicEndpointhttps://en4832wfm1s7a.x.pipedream.net/⌵Copy+New

LIVEPAUSE🔍Type to search...

Today19:23 12 PMPOST /

929: "Payroll and Timekeeping Clerks"

930: "Credit Checkers"

931: "Order Clerks"

932: "Credit Counselors"

933: "Models"

934: "Municipal Clerks"

935: "Eligibility Interviewers, Government Programs"

936: "Billing, Cost, and Rate Clerks"

937: "Judicial Law Clerks"

938: "Travel Guides"

939: "Education Administrators, Preschool and Childcare Center/Program"

940: "Fundraisers"

941: "Library Technicians"

942: "Crossing Guards"

943: "Door-To-Door Sales Workers, News and Street Vendors, and Related Workers"

944: "Correspondence Clerks"

945: "Proofreaders and Copy Markers"

946: "Court Clerks"

947: "Bus Drivers, School or Special Client"

948: "Postal Service Mail Sorters, Processors, and Processing Machine Operators"

949: "Law Teachers, Postsecondary"

950: "History Teachers, Postsecondary"

951: "Loan Counselors"

952: "Marriage and Family Therapists"

953: "Child, Family, and School Social Workers"

NEW

Preview the new Request Bin — now with an API and more sources!

Create HTTP SourceView on Github

- Create bins and inspect events from your browser or via APIs
- Generate events from HTTP requests , RSS feeds , Tweets , Airtable records , Github events , and more!
- Trigger serverless Node.js workflows on every event with integrated auth for 100+ apps

DELETE ALL