

Python Task

Greetings from Credicxo,

Congratulations, You have been shortlisted for the coding round.

The details of the test are mentioned below . Kindly read all the instructions and reply with submissions on this email **ONLY**.

Technologies : *Python latest, BS4/Scrapy/Selenium, requests.*

In this task you need to write an automation script for a website
url : <https://www.midsouthshooterssupply.com/dept/reloading/primers?currentpage=1>

- 1) First scrape the required fields that are listed below:
 - a) Price in dollars.
 - b) Title.
 - c) Stock status i.e. in-stock or out-stock. If in-stock then the value would **true** and for out-stock value should be **false**.
 - d) Manufacturer i.e. [Remington](#), [Winchester](#), etc.
- 2) For this scraper, use rotating proxies from this website <http://www.freeproxylists.net/> (only US)
- 3) Output should be in list of dictionaries, finally represented in JSON.

```
[
    ...
    {
        'price': "", # type(float)
        'title': "", # type(string)
        'stock': "", # type(boolean)
        'mafr': "" # type(string)
    }
    ...
]
```

Bonus Task

This task is not mandatory but if you are able to do it then your chances of getting in would be increased significantly.

Technologies : *Python latest, BS4/Scrapy/Selenium, requests.*

In this task you need to write a script to bypass google's reCaptchaV2, example website : https://safebrowsing.google.com/safebrowsing/report_phish/

1. Write script that fills the small reporting form.
2. It must bypass the google's reCaptchaV2 and then submit the form successfully.

Note : you can't use existing captcha solving services API.

You must remember the following points while submitting, otherwise your submission may be rejected.

Submit your task at - <https://forms.gle/swr4AYhH6vm2VTDM9>

1. Upload Project Github link in "Task Link" Section.
2. Add Your Name and contact number in the form.
3. You can add comments (additional information you want us to know in your submission) in the "Feedback/Instructions to use" Section.
4. Please attach your resume.

Deadline to submit is **two days** from the date on which you received this task.

Best Regards,

HR Team

Credicxo Tech Pvt. Ltd.