

Web-Scraping / AI Specialist

The Job Overview

We are seeking a talented Python developer to help us collect customer and competitor data. This job involves using a blend of web-scraping techniques and artificial intelligence to extract valuable information from the web. This is an exciting opportunity for someone who's passionate about artificial intelligence and wants to get practical experience while staying current with the latest advancements.

About RE+ Events

We are a global event organization specializing in the clean energy industry. Our flagship event, RE+, is the largest renewable energy event in North America. As a dynamic organization experiencing recent expansion, we are seeking a Web-Scraping / AI Specialist to contribute to our team for a 3-month engagement. This role is pivotal to our goal of becoming a leader in artificial intelligence within the exhibition industry.

Responsibilities

- Write Python scripts to extract data from websites
- Implement robust error handling and data validation mechanisms to ensure data accuracy and integrity
- Iterate on code to identify issues and build out exceptions and logic
- Optimize scraping processes for performance and scalability
- Integrate LLMs into data collection processes and create AI prompts to extract information
- Synthesize data and transfer to databases
- Turn Python scripts into schedule-based automated workflows
- Collaborate with the project manager to understand requirements and incorporate feedback into the development process
- Document code and processes to facilitate maintenance and knowledge sharing

Job Qualifications and Skill Sets

- Proficiency in Python
- Strong understanding of website architecture and scraping techniques
- Experience with Microsoft Azure or other cloud computing platforms
- Experience using Python to communicate with APIs
- Familiarity with LLMs; extra credit if you have interacted with them programmatically
- Strong communication skills in English, both written and verbal

Terms

- \$120/hour
- Initial scope of 225 hours to be completed within 3 months, with opportunity to extend contract based on performance and need
- This position is fully remote. Regular virtual check-ins and meetings will be required to ensure alignment and progress
- You must be a U.S. citizen or have legal authorization to work in the United States to apply

How to Apply

Please submit a resume and a brief cover letter highlighting your relevant experience to jvanzalk@re-plus.com