I tried to seek resume screening examples that already exist.

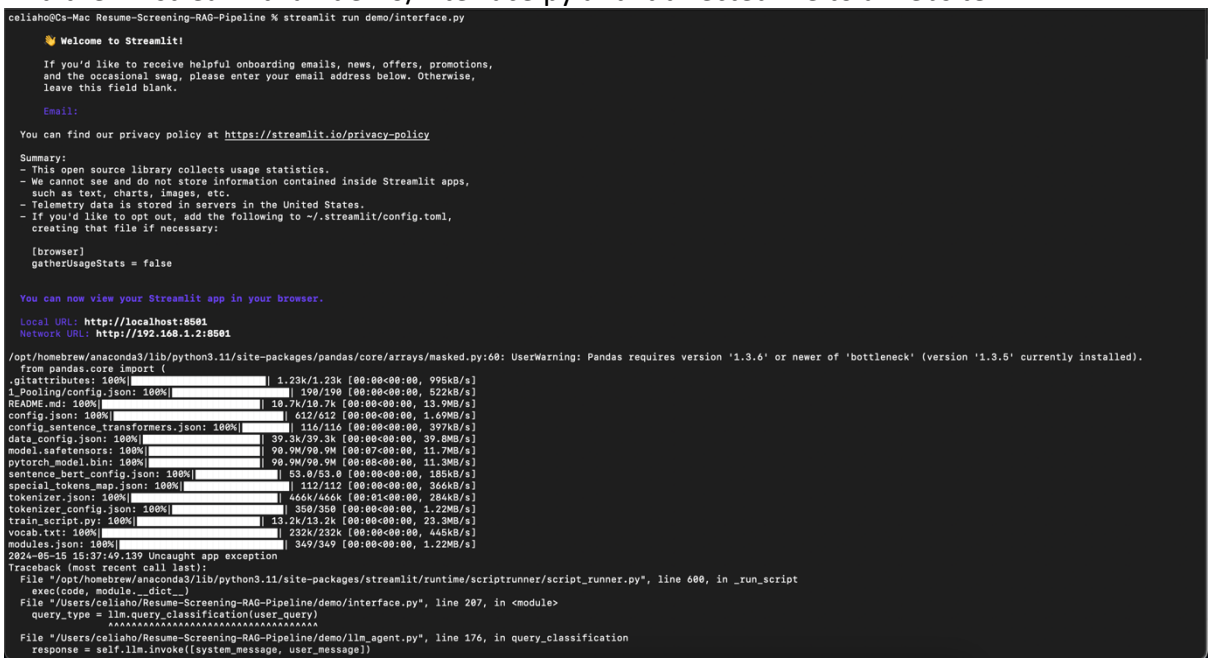
I found
https://github.com/Hungreeee/Resume-Screening-RAG-Pipeline

I tried it on and see how it went.

1. Git clone and download requirements *I already installed on different day but forgot to take a screenshot, so I just cd Resume-Screening-RAG-Pipeline today.

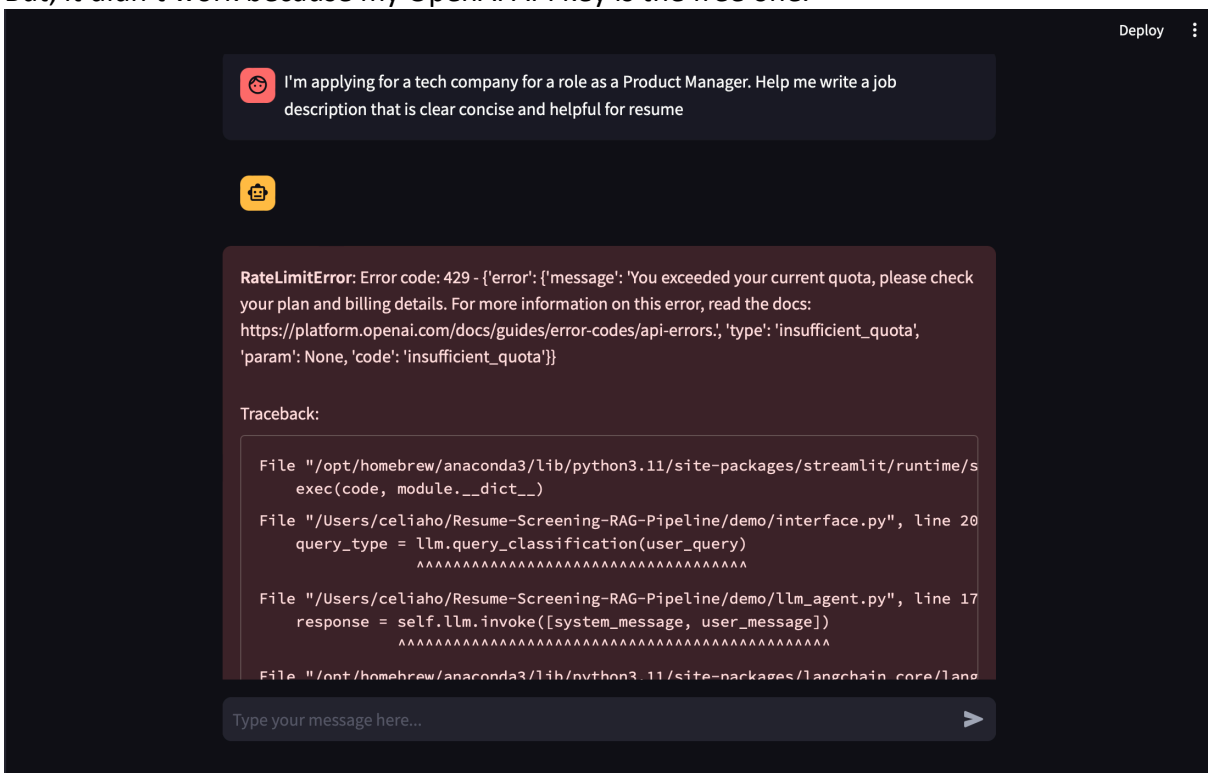
```
celiaho@Cs-Mac ~ % cd Resume-Screening-RAG-Pipeline
celiaho@Cs-Mac Resume-Screening-RAG-Pipeline % pip install -r requirements.txt
```

And them I streamlit run demo/interface.py and it directed me to a website.

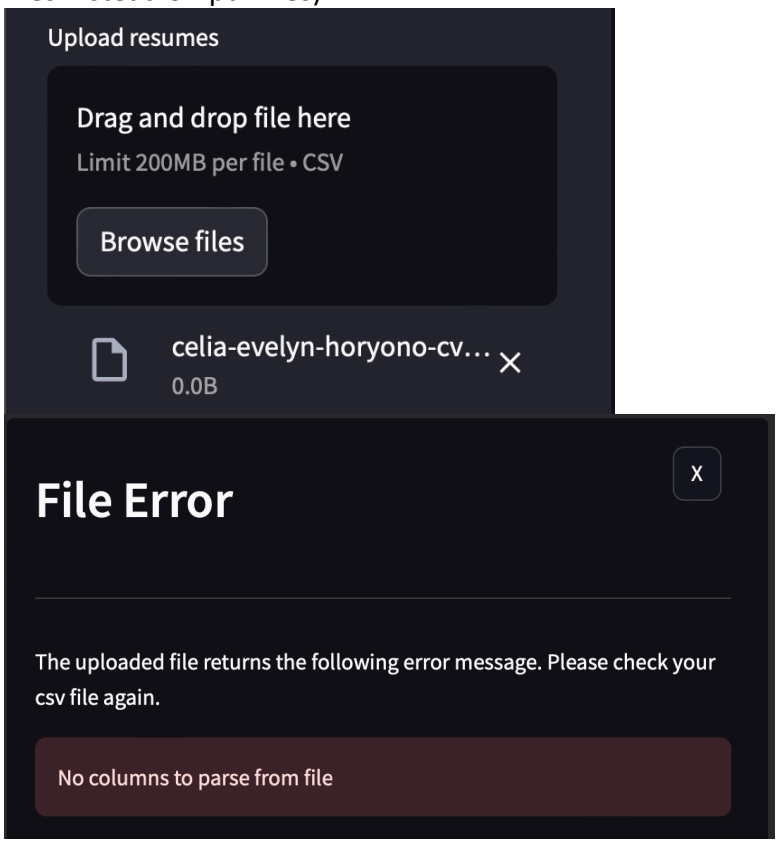


In there, I can see the introduction and how to get it started. I entered my OpenAI API Key

But, it didn’t work because my OpenAI API key is the free one.



I also uploaded by CV for screening but it showed another error. (The CV needs to be in .csv files instead of .pdf files)



I then seek for different way to train my LLM. I used distilgpt2 instead of llama2

```
[7]: model_name = "distilgpt2"

[8]: from transformers import AutoTokenizer

     tokenizer = AutoTokenizer.from_pretrained(model_name)

[9]: def check_skills(resume_text, required_skills):
         matched_skills = [skill for skill in required_skills if skill in resume_text]
         return matched_skills

     def check_experience(resume_text, relevant_experience):
         return experience_matches

     def check_education(resume_text, required_education):
         return education_matches

     def check_language(resume_text):
         return language_issues

[10]: def analyze_resume_with_distilgpt2(resume_text):
          inputs = tokenizer(resume_text, return_tensors="pt")
          outputs = model.generate(**inputs)
          analysis_result = tokenizer.decode(outputs[0], skip_special_tokens=True)
          return analysis_result
```

The reason why I use distilgpt2 instead of llama2 is because llama2 required access.

> Your request to access this repo has been successfully submitted, and is pending a review from the repo's authors.

Another reason is because if I want to use llama2, I have to log in from huggingface but I always encounter an error.

I'm still hoping I can still use llama2, but for now, distilgpt2 is my way out. I'm currently using Week7 homework as reference.