Personal Journal

After a few weeks of learning python, I have learned not just basic syntax of Python, but also many application of Python.

I have programmed web crawlers, games, implementation of ANN algorithm,etc.

These help me a lot while developing our project.

In our project, I write a web crawler to get goods’ information from SuNing, one of e commerce giants in China.

It has a limitation on web crawler, which means traditional web crawler can not get valid information from the urls it provided.So I use the selenium package to simulate actions of human costumers to get information.

Another challenge is about the Ajax technique used in the website of SuNing which limits the amount of information you can get. With js script executed in Python, the problem above can be solved. But the time cost increase. So my next goal is to improve its efficiency.

I also learn Django in Python and help arrange our project. This is my first time participating in the design of web back end.

I help join three web crawler programme together and provide data from database to the front.

The logic is not that complicated, the detail is.Sometimes it takes time and help of teammates to solve the bugs.

Though the time I study Django is short, with solid Python knowledge, the result is satisfying.

Besides, I did many other jobs. They are presented in the following lists.

Python work

1. Web crawler of SuNing
2. Join three crawlers together
3. Handle data and and provide them to the front using Django

Project work

1. Write the document of our project
2. Second and Third part of the PPT

During the project, I had more understanding of Python and learned a lot about many kinds of Python skills.

At last, I want to thank teachers and my teammates, they really help me a lot!