Xiao Wei

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OBJECTIVE:

Part-time or internship in Web development, Front-end & Back-end or Full-stack.

PROJECTS:

Web development: (projects show page: http://django-website.herokuapp.com)

Project: "Flasktaskr" website, Summer 2013 , project length: More than 20,000 lines

- Develop environment : Python-Flask, Flask-wtf, SQLAlchemy-sqlite, Bootstrap
- Design web task management system. Included new user sign up. Basic Cookie control.
- Website follows MVC structure, follows CRUD rules.
- Using github to manage different version, it's current on v3.0
- Github link: https://github.com/Shaunwei/Python-Flask-taskr

Project: "Django Rapid Web" web page, Summer 2013, project length: More than 20,000 lines

- Develop environment: linux, Python-Django, sqlite, Bootstrap
- Project details showing in github. Project deploying on Heroku.
- Github link: https://github.com/Shaunwei/django-rapidweb

Client-side projects:

Project "Webspiders" using Scrapy package of python:

- Retrieve useful information directly from wanted website & host

Project "RottenTomatoesAPI" use API to retrieve movies information:

- Based on Rotten Tomatoes website API document
- Working with JSON information. Formatting in user-friendly results.

RESEARCH EXPERIENCE:

- Linear system analysis: Based on system states to solve the system conditions under Matlab.
- C++ algorithm implementation: Using Quadratic Placer to improve placement overhead.

SKILLS:

- Programming language: Python(expert), SQL(proficient), R(proficient), Java(proficient), C++(proficient), Html and CSS (proficient), JavaScript(proficient), Github(proficient), jQ(prior experience), PHP(prior experience), C(prior experience), Ruby(prior experience)
- Development Environment: Linux (all variants, proficient in Ubuntu), Windows, Solaris and Mac OS
- Languages: Chinese as first language, fluent in English.

EDUCATION:

Sep.2007 – Jun. 2011: Nanjing University of Science & Technology in P. R. of China

- Received BS Degree in Electronics

Jan.2013 – now: Santa Clara University

- Major: Electrical Engineering & Computer Engineering
- Expecting a Master's Degree in 2014