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Costa Huang

Project interests

Web programming, Artificial intelligence, Open-sourced Softwares, Data visualization, Concurrent programming, DevOps, Cloud computing, Highly scalable programs.

Skills

Python, JavaScript, HTML, CSS, Git, Linux, Docker, Vue.js, PostgreSQL, Statistics.

Experience

Furman University, Greenville, sc

Software Developer **Nov 2017 – Feb 2018**

Developed an application for the commencement. Utilized Go to create highly concurrent server with REST API endpoints, and used Vue.js to build an interactive admin panel.

Teaching Assistant **Aug 2017 – Dec 2017**

Tutored students on Web Programming topics such as JavaScript, VueJs, Webpack, Vuetify, Laravel, and AWS. Helped the professor with preparing lab materials.

Research Fellow **Jun 2017 – Aug 2017**

Worked with Dr. Chirs Healy to Conduct research on travel plan recommendation based on historical traffic flow data. Authored a Python server package, StreetTraffic, that crawls traffic flow data. Created proper unit-tests and documentation by using Sphinx.

Education

Furman University, Greenville, SC

B.S in Computer Science

B.S in Mathematics **Aug 2013 – May 2018**

- Dean's list (2017 - 2018)
- GPA: 3.38 / 4.00

Projects

Jupyter Disqus

Adds Disqus to Your Jupyter Notebook

github.com/vwxyzjn/jupyter_disqus

● Python ★ 9

SC2AI

Use Tensorflow to Train StarCraft II AI

costahuang.me/SC2AI

● Jupyter Notebook ★ 6

StreetTraffic

Library that crawls traffic data

streettraffic.org

● Python ★ 3

Parallax Template

Free Website Template for Beginners

vuetifyjs.com/themes/parallax-starter

● JavaScript

LP Optimization

Linear programming for Finding the Optimal Schedule

costahuang.me/LP_optimization_python

● Python

Sentiment Analysis

Movie reviews classification

costahuang.me/Sentiment-Analysis-LSTM

● Python

Penspider

Crawl Items from a Pen Retailer

github.com/vwxyzjn/penspider

● Python