Costa Huang

WORK EXPERIENCE

FALL 2017 – PRESENT

Furman University, Greenville, SC
Full-stack Developer

- Developing a commencement-related app that allows students to upload their name pronunciations and profile pictures

- Collaborating with the university registrar and IT department to deploy this app

- Utilized Go and Algolia for back-end to build interactive search

- Used Nuxt.js and Slick.js to create mobile-friendly admin panel

FALL 2017

Furman University, Greenville, SC
Teaching Assistant

- Tutored students on Web Programming topics: JavaScript, VueJs, Webpack, Vuetify, and Laravel

- Experimented with the newest front-end and back-end technologies with the professor.

- Explored AWS S3 for uploaded files storage

SUMMER 2017

Furman University, Greenville, SC
Researcher

- Conducted research on travel plan recommendation based on historical traffic flow data

- Published *StreetTraffic*, a Python server package that crawls traffic flow data

- Set up proper unit-tests and documentation by using Sphinx

FALL 2016 – SPRING 2017

Furman University Investment Club
Vice President of Technology

- Founded portfolio.fuinvestment.com that shows equity curve, portfolio, and transactions history

- Used Google Script to automatically record portfolio value every day for quarterly analysis

- Collaborated with club members to introduce stock tracker games

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- github.com/vwxyzjn

EDUCATION

MAY 2018 **B.S. in Computer Science**
B.S. in Mathematics
GPA: 3.38
Furman University, Greenville

PUBLIC PROJECTS

2017 **SC2AI**
Machine learning for StarCraft II AI

2017 **LP_optimization_python**
Linear programming for scheduling

2017 **Parallax Template**
Web design template

2017 **StreetTraffic**
Python library that crawls traffic data

2016 **Sentiment-Analysis-LSTM**
Movie reviews classification

2016 **Penspider**
Web crawler that collects listings of pens

REPOSITORIES CONTRIBUTED

Reinforceio/tensorforce	#242, #242
Microsoft/vscode-python	#1101
Vuetifyjs/docs	#181

SOFTWARE SKILLS

Good level	Windows, Python, JavaScript, Node.js, HTML, CSS, Git, Numpy, Pandas, AWS, Vue.js, Linux, SPA, REST API, Unit testing, Sphinx
Intermediate	Go, Rust, PostgreSQL, MySQL, Flask, Tensorflow, Keras, Machine Learning, Serverless Programming, SQL, Django
Basic level	MacOS, Java, Scala, PHP, Laravel