Costa Huang

RELEVANT EXPERIENCE

FALL 2016 – PRESENT

Open Source Contributor

- Contributed to Microsoft's Visual Studio Code Python extension, enabling auto-completion for PEP 526 annotated variables (#1101)

- Contributed to Vuetifyjs, a JavaScript UI framework, by adding starter templates (#181)

- Contributed to TensorForce, a machine learning framework, by providing visualization of OpenAI environment (#242, #244)

FALL 2017 – SPRING 2018

Furman University, Greenville, SC

Full-stack Developer

- Developed a commencement-related app that allows students to upload their name pronunciations and profile pictures (See Demo)

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

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

- Used Vue.js and Slick.js to create mobile-friendly admin panel (See Demo)

FALL 2017

Furman University, Greenville, SC

Teaching Assistant

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

- Worked with the professor to prepare lab materials

SUMMER 2017

Furman University, Greenville, SC

Researcher

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

- Wrote a Python server package, StreetTraffic, that crawls traffic flow data (See Demo)

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

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EDUCATION

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

PUBLIC PROJECTS

2018	**Jupyter_disqus**
	Add Disqus to Jupyter Notebook
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

SOFTWARE SKILLS

Proficient	Windows, Python, JavaScript, Node.js, HTML, CSS, Git, Numpy, Pandas, Vue.js, Linux, SPA, REST API, Docker, Latex
Working Knowledge	AWS, React, Go, PostgreSQL, MySQL, Flask, Tensorflow, Machine Learning, Serverless Programming, SQL, Django, Travis CI/CD, MongoDB
Familiar	MacOS, Java, Scala, PHP, Laravel, Rust