

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
- 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
- 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

Good level Windows, Python, JavaScript, Node.js, HTML, CSS, Git, Numpy, Pandas, AWS, Vue.js, Linux, SPA, REST API, Unit testing, Docker, Latex

Intermediate React, Go, Rust, PostgreSQL, MySQL, Flask, Tensorflow, Keras, Machine Learning, Serverless Programming, SQL, Django, Travis CI/CD, MongoDB

Basic level MacOS, Java, Scala, PHP, Laravel