

# 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 an application for the commencement (See [Demo](#))
- Collaborated with the university registrar and IT department
- 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
- Helped the professor with preparing lab materials

SUMMER 2017

Furman University, Greenville, SC

### Researcher

- Worked with Dr. Chirs Healy to Conduct 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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🐙 [github.com/vwxyzjn](https://github.com/vwxyzjn)

## 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

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