

# 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](#), [#242](#))

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
- Collaborated 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, on PyPi
- 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

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