

# Li Jun Huang

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## EDUCATION

### Virginia Tech

College of Engineering  
BS in Computer Science  
Expected Grad. May 2019  
Cum. GPA: 3.88

## LANGUAGES

### Intermediate:

Java, HTML, CSS

### Beginner:

Python, C

### Past Experience:

C#, Puppet

### Fluent:

Chinese

## TECHNOLOGIES

Git, Dropwizard,  
Kafka, Swagger, Materialize  
Eclipse, Visual Studio,  
Linux, OpenStack,  
Agile development

## COURSES

Intro to AI (IP)  
Big Data Capstone (IP)  
Computer Systems (S'18)  
Data Structures & Algo (F'17)  
Computer Organization (F'17)

## AWARDS

Dean's List (F'15 - S'18)  
COE Scholarship (F'18)  
CSRC Scholarship (F'17)

## EXPERIENCE

### Undergraduate Teaching Assistant, Virginia Tech

Aug 2018 - Present

- UTA for CS 3304 - Comparative Languages (Spring 2019).
- UTA for CS 3114 - Data Structures and Algorithms (Fall 2018).
- Holding office hours to help students in understanding the course concepts.

### Engineer Intern, Viasat

May 2018 - Aug 2018

- Designed and developed a production REST API for the Kafka internal streaming platform using the Dropwizard Java framework.
- Enhanced API scalability with http2, cache, object pool, metrics & health check.
- Built a Jetty API client compatible with Avro, JSON, and POJO.

### Undergraduate Research Assistant, Virginia Tech

Jul 2017 - May 2018

- URA for T. M. Murali's Computational Systems Biology research group.
- Co-authored two F1000 Research papers on PathLinker-Cytoscape.
- Led the PathLinker-Cytoscape and CyGraphSpace major releases using Java.
- Created the PathLinker-Cytoscape REST API using the Swagger framework.

### Junior Software Engineer, Optimal Satcom

Jun 2016 - Dec 2017

- Implemented features and bug fixes for a development project using C#.
- Enhanced the project drop-down tree and input validation GUI behavior.

### System Engineer Co-op, Solers

Jan 2017 - May 2017

- Assisted with setting up the Puppet infrastructure with r10k on OpenStack.
- Wrote the puppet modules for the Ipsilon server/client and Request Tracker.

### IT Intern, ChemTreat

Jul 2014 - Aug 2014

- Designed the initial service report layout using Access, Excel, and VBA.
- Researched cloud backup & remote-control solutions for the IT Department.

## PROJECTS

### Tokyo Sushi Richmond Official Website

- Mobile friendly website for Tokyo Sushi Richmond.
- Written using HTML, CSS, JavaScript, and Materialize framework.
- Hosted using AWS S3, CloudFront, Route 53, and Certificate Manager.

### Reddit Wallpaper Scraper

- Python program that scrapes Reddit for desktop wallpapers.
- Utilized the Praw library to access the Reddit API & the Tkinter library for the GUI.