

# TIAN(JOJO) YANG

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## PROFESSIONAL EXPERIENCES

### Software Engineer

June 2019 - Present

*Citrix System*

*Santa Clara, CA*

API Gateway Configuration Management

- Launched API Gateway which met the hard deadline without expertise in the team by collaborating with designers, engineers(cross team), and product managers closely.
- Implemented API Gateway which acts as the single entry point for APIs and ensures secure and reliable access to multiple APIs and microservices in the system using **React** and **Redux**
- Integrated API Gateway with existing frontend micro service on **K8s**, deployed it to **AWS EC2**
- Wrote unit tests for over 60 UI components which include about 7 test scenarios for each using **Enzyme** and **Jest**

API Analytics

- Implemented an API Analytics Dashboard which includes 5 interconnected pages allowing user to monitor API instances and endpoints served by an API Gateway using **React** and **Apollo**
- Sped up the development cycle by at least two weeks using **Sketch** to do mockups rather than designers
- Optimized build process reducing CI/CD time by **30%**, page load time by **50%** by using **Gulp** and **Webpack**

### Software Engineer Intern

Jan. 2019 - May. 2019

*Specifio Inc.*

*Los Angeles, CA*

Pattern Drafting Process Automation

- Specifio helps clients with patent drafting by generating a patent document in a Microsoft Word document format
- Built a live preview page to visualize the output word document with 10 formatting options which include Page setup (such as margins, headers, footers) and text format (such as font size, font style, etc)
- Implemented RESTful APIs, dockerized and deployed microservices-based applications to **AWS EC2** via **Jenkins pipeline**
- Built Microsoft word add-in application to use Specifio APIs within the MS Word to generate a patent application using **AngularJS**, **Express**, and published the application on Microsoft AppSource

### Software Engineer Intern

May 2018 - Sep. 2019

*Specifio Inc.*

*Los Angeles, CA*

Homepage Redesign and Performance Enhancement (<https://specif.io>)

- Designed and Implemented a responsive website (such as landing page, feature page, etc) for various devices from iphone to desktop by **GatsbyJS**
- Solved cross browser compatibility issues for Internet Explorer, Mozilla Firefox, Google Chrome and Safari using **Modernizr** and **polyfill.io**

## SKILLS

### Programming Languages

JavaScript, Python, Java, HTML, SQL, Scala, C++

### Web Development

React.js, node.js, Spring, Django, Flask, PostgreSQL, MongoDB, MySQL

### Big Data

Hadoop, Spark, AWS, Azure

### Tools

Kubernetes, Helm Chart, Docker, Jenkins, Nginx, Git, Maven, Jenkins

## EDUCATION

### University of Southern California, Los Angeles

Aug 2017 - May 2019

*Master of Science, Computer Science*

*GPA: 3.81/4*

### Xidian University, Xi'an, Shaanxi, China

Aug 2013 - July 2017

*Bachelor of Software Engineering*

*GPA: 3.76/4*