

# Junhong Wang

☎ (310) 254-5002

✉ [ionejunhong@gmail.com](mailto:ionejunhong@gmail.com)

🏠 [ioneone.github.io](https://ioneone.github.io)

## EDUCATION

**University of California, Los Angeles**  
Computer Science, Bachelor of Science

March 2021  
GPA: 3.875/4.0

## SKILLS

**Languages** TypeScript, Java, Python, MySQL, Swift

**Technologies** React, GraphQL, Guava, WebGL

## EXPERIENCE

### **Software Engineer Intern**

*AppFolio, Inc.*

Jun 2020 - Sep 2020  
Los Angeles

- Optimized GraphQL/MySQL queries and reduced the server CPU utilization by 20%.
- Integrated GraphQL Subscription with AWS API Gateway WebSocket and reduced the load on the server significantly.

### **Software Developer Intern**

*The B. John Garrik Institute for The Risk Sciences @UCLA*

Jun 2019 - Sep 2019  
Los Angeles

- Enhanced Graph editing features and increased modeling efficiency/usability.
- Invented a tree traversal algorithm to navigate users building event trees.

### **iOS App Developer Intern**

*TeamLab*

Jul 2018 - Sep 2018  
Tokyo

- Displayed skeleton views when loading
- Created tutorial views from scratch

## PROJECTS

### **Platformer**

2020

<https://ioneone.github.io/platformer/>

- A 2D side scrolling game for fun using Phaser 3 and WebGL.

### **Jflix**

2020

<https://jflix.herokuapp.com/>

- A GraphQL application that lets you check out TV shows/movies I like.

## PUBLICATION

### **Getting Started with GraphQL**

2020

[medium.com/better-programming/getting-started-with-graphql-5cd8e7c66909](https://medium.com/better-programming/getting-started-with-graphql-5cd8e7c66909)

- Published under Better Programming.
- Documented the development process of Jflix and taught readers how to use **GraphQL (Apollo)** with **React**.

### **Machine Learning Diary**

2018

[github.com/ioneone/ioneone.github.io/blob/develop/src/markdowns/machine-learning-diary/machine-learning-diary.md](https://github.com/ioneone/ioneone.github.io/blob/develop/src/markdowns/machine-learning-diary/machine-learning-diary.md)

- Studies machine learning from the beginning for 100 days in a row and recorded my learning process.
- Explained various ML concepts in my own words to help readers easily understand and achieved over 2500 views in total.