

# Youjie Tom Lin

## IT Engineer

### Contact Information

(347) 610-9149

[linyoujie@hotmail.com](mailto:linyoujie@hotmail.com)

<https://rdtom.com>

<https://linkedin.com/in/YoujieTomLin>

### Skill

Python

Javascript

Node.js

Node express

React.js

React Native

Java

Spring Boot

PHP

C++

SQL/POSTGRESQL

GIT Shell Script

Agile Software Development

OOP & Design

Web Development

Mobile Development

Time & Space Complexity Analysis

Troubleshooting and Debugging

Server Configuration/Maintenance

Performance and Scalability

### Education

2018 - 2021

M.A: Computer and Information

Sciences Queens College of CUNY

2012 - 2016

B.S: Computer and Information

Sciences Brooklyn College of CUNY

## Professional Experience

### TikTok

#### IT Engineer

Apr 2021 – Present

- ❑ Responsible for equipment troubleshooting, network configuring, device wiring, and L2 supporting, etc.
- ❑ Designing and developing asset management tools and analytics tools by using Flask, maintaining over 6000 assets.
- ❑ Designing and developing Javascript tools, which optimized the IT onboard and offboard workflow reducing 1 hour of work to 30 seconds.
- ❑ Developing and deploying Crypt-Server Node.js lookup API for designated App/Web to batch search.
- ❑ Developing and deploying delivery tracking Node.js API and APP for WFH device tracking, significantly improving the workflow.
- ❑ Processing onboard/offboard devices, up to 100 laptops per week.

### ESFE LLC.

#### Fullstack Engineer

Jul.2019 – Present

- ❑ Leading Development team in delivery of React Native Cross Platform project.
- ❑ Developing a website with React.js and Bootstrap.
- ❑ Deploying crosse-platform apps to Apple Appstore, Google Play Store.
- ❑ Implementing programming capabilities in SQL, JavaScript and Third-party libraries.
- ❑ Expanding development efforts to include related platforms and protocols such as SOAP, Springboot RestApi, and database technologies like PostgreSQL.
- ❑ Develop Applications Programming Interfaces (APIs) to integrate MTA info, Weather, NYC Public Service and others into one React Native frameworks.

## Project

### Game of Math :

#### React Native App

<https://apps.apple..47577>

<https://play.google.....apk>

### MyUsLife Mobile App:

<https://apps.apple..56253>

<https://play.google.....apk>

### NYC Dashboard App:

<https://play.go...Dashboard>

### Website on Hosted AWS:

<https://myuslife.com>

### Wordpress web project:

<https://r pictures.com/>

### React.js Web Project:

<https://87laundry.com/>

## CGTN

### Broadcast Studio Engineer - Live News

Jul 2020 – Apr 2021

- ❑ Checked video routers, sync server, DA's and in-house CATV system channel lineup daily.
- ❑ Monitored incoming signals from remote feeds, pre-tape and live studio feeds.
- ❑ Monitored the shows and addressed technical discrepancies if any.
- ❑ Performed a line test every day with overseas studios for signal consistency, delay, and clock check on the main server and as well as the backup server connection.
- ❑ Configured KU-band satellite receiver to ensure stability of signal to decoder server.

## SinoVision Inc

### Manager, IT & Broadcasting Engineer

Apr.2018 –Jul 2020

- ❑ Provided oversight to four-person team, solved more than 90 percent of problems.
- ❑ Modified app platforms add web streaming to app that benefit over 100,000 viewers.
- ❑ Implemented security measures to safeguard vital business data.
- ❑ Added p2p video into existing broadcast system.
- ❑ Implement third-party JSplayer and integrate with Livestream live streaming.

## Broadcasting Engineer

Dec.2014 - Mar.2018

- ❑ Performed root cause analysis across diverse technologies in a 24x7 environment.
- ❑ Resolved conflicts promptly among communication of hardware, software.
- ❑ Developed web server with RTMP player, FFmpeg, and visual images.
- ❑ Mentor 2 staffs, and provide 5 training lessons over broadcasting system, automation system, traffic system A/V system and transmitting system.
- ❑ Supported 5 live events, including teens' talent show, singing competition, lunar new year parade, time square "apple drop" countdown.