

# Chuqian Susan Li

Software Developer

 <https://chuqianli.me>

## Contact

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## Languages

JavaScript	Java
HTML/CSS	C++
Python	SQL

## Frameworks

ReactJS	ExpressJS
Redux	Socket.io
ReactNative	NodeJS

## Tools

Git	Android Studio
AWS	PostgreSQL
Docker	MongoDB
Heroku	Firebase

## Interests & Interesting Facts

Techstars Music 2017 Alumni,  
Snowboarder, Karaoke Master,  
Fan of coding in hot tubs

## Experience

### Pippa

New York City, NY

Full Stack Software Developer

Sep 2017 - Dec 2017

- **Reduced use of cloud storage by 40%** by programmatically replacing similar data
- Created **15% smaller Docker Images** of multiple services for auto-scaling
- Decreased process time of web-scraping script by **50% through multiprocessing and proxying**
- Developed features in ReactJS including a **custom web audio player**

### Robin Media

Los Angeles, CA

Full Stack Software Developer

Jan 2017 - Apr 2017

- **Streamlined transaction process** to reduce manual customer service time **by 50%** through user flow redesign and development
- Build client-side **global search functionality** with inclusive/exclusive querying
- Led front-end feature implementation in **React/Redux with UI design**
- Expanded Java API for features, server-side validation, and custom analytics

## Projects

### Symposio

Personal Project

NodeJS, React, Watson Developer Cloud, AWS EC2, WebRTC, Socket.io, ffmpeg, Docker

- **Interview application** with real-time messaging, recording, & transcript generation

### CyanoSleuth

Personal Project

React/Redux, NodeJS, Google Maps API, Clarifai Image AI, Firebase, Heroku

- **Platform to analyze** and upload water quality; display **geo-heatmap** of hazardous areas

### Markov Messenger

Team Project @ EngHack 2017

Python, ReactNative, NodeJS, Heroku and **custom semantic analysis algorithm**

- Facebook autoresponder using **markov model** generated sentences populated by scraping conversation data; reacts with emoji bearing message sentiment

### Log(me);

Team Project @ Hack the North 2017

React, NodeJS, Python, Firebase, Socket.io, Heroku

- Smart Journal that analyzes logs sentiment to determine likelihood of depression

## Education

### University of Waterloo, ON, Canada

Sep 2016 - Apr 2021

Bachelor of Applied Science Candidate in Computer Engineering

**Awards:** Queen's Golden Jubilee Citizenship Medal, Premiere's Citizenship Award, Hatch Entrance Scholarship, President's Scholarship of Distinction

**Cumulative GPA: 4.0 (90%)**