






# Chuqian Susan Li

 <http://chuqianli.me>

## Contact

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## Languages

JavaScript	C++
HTML/CSS	SQL
Python	PHP
Java	OCaml

## Frameworks

ReactJS	ExpressJS
ReactReason	Socket.io
ReactNative	NodeJS
Redux/Flux	KeystoneJS

## Tools

AWS	PostgreSQL
Docker	MongoDB
Heroku	Firebase
Android Studio	Flow

## Interests & Interesting Facts

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

## Experience

### Facebook

Menlo Park, CA

#### Front End Engineering Intern

May 2018 - Aug 2018

- **Streamlined** frontend infrastructure; decreased JS package size by **19%**
- Developed bulk editing functionality in ads manager; increasing user-interaction by **315%**, revenue by **\$390 000**
- Added **regex** support and file directory filtering for **code tracking script** in PHP and **ReasonML/OCaml**
- Reduced **memory consumption** of script by **400%**, maintaining run time

### Pippa

New York City, NY

#### Full Stack Software Engineering Intern

Sep 2017 - Dec 2017

- **Reduced use of storage by 40%** by programmatically replacing similar data
- Created **15% smaller Docker Images** of multiple services for auto-scaling
- Developed features in ReactJS including a **custom web audio player**

### Robin Media

Los Angeles, CA

#### Full Stack Software Engineering Intern

Jan 2017 - Apr 2017

- **Developed transaction process** to reduce manual customer service time by **50%**
- Build client-side **global search functionality** with inclusive/exclusive querying

## Projects

### Symposio

Personal Project

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

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

### 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

## 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: 3.85 (88%)**