


Chuqian Susan Li

Software Developer

 chuqianli.me

Contact

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Languages

JavaScript, HTML/CSS, Java,
Python, C++, SQL

Frameworks

ReactJS, Redux, ExpressJS,
Socket.io, ReactNative

Tools

Git, Bash, Android Studio,
Docker, AWS, Heroku,
PostgreSQL, Firebase, MongoDB

Awards

Queen's Golden Jubilee
Citizenship Medal '16

Premiere's Citizenship Award '16

Hatch Entrance Scholarship '16

President's Scholarship of
Distinction '16

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/excluding 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 with 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 chain** 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

Cumulative GPA: 4.0 (90%)