

Chuqian Susan Li

<https://chuqianli.me>

Contact

(929) 273 9691 📞

chuqian.li@uwaterloo.ca ✉️

@chuqiansusanli 📧

suzyng83209 📱

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Languages

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

Frameworks

React, Redux, NodeJS,
ReactNative

Databases

Postgres, Firebase, MongoDB

Tools

Bash, Zsh, Android Studio,
Docker, AWS EC2, Heroku

Interests & Interesting Facts

Techstars Music 2017 Alumni

Snowboarder

Karaoke Master

Fan of coding in hot tubs

Awards

Queen's Golden Jubilee
Citizenship Medal

Premier's Citizenship Award

Hatch Entrance Scholarship

President's Scholarship of
Distinction

Experience

Full Stack Developer | Pippa, New York City, NY

SEP 2017 - JAN 2017

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

Full Stack Developer | Robin Media, Los Angeles, CA

JAN 2017 - MAY 2017

- Led front-end feature implementation in React/Redux with UI design
- Expanded Java API for features, server-side validation, and custom analytics
- **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

President | Beyond - JA, Calgary, AB

SEP 2015 - MAR 2016

- **Top 3** for Company of the Year, Website of the Year, President of the Year.

Projects

Symposio 📄 📱

Solo Project

- **Interview application** with real-time messaging, recording, and transcript generation
 - Streams recorded client-side; **merged with ffmpeg** to produce HQ dual recording
- NodeJS, React, Watson Developer Cloud, AWS EC2, WebRTC, Socket.io, ffmpeg, Docker

CyanoSleuth 📄

Solo Project

- **Platform to analyze and upload** water quality data from microfluidics kit
 - Displays and analyzes cumulative crowd-sourced data for likelihood of algae bloom
- React/Redux, NodeJS with Google Maps API, Clarifai Image AI, Firebase, Heroku

Markov Messenger 📄

Team Project @ EngHack 2017

- Facebook auto-responder using **markov chains** generated by **scraping conversation data**
- Python, ReactNative, NodeJS with Heroku and custom semantic analysis algorithm

Log(me); 📄

Team Project @ Hack the North 2017

- Smart Journal that runs **semantic analysis on user data** to determine likelihood of depression
- React, NodeJS, Python with Firebase, Socket.io, Heroku

Education

University of Waterloo, ON, Canada

SEP 2016 - APR 2021

Honors Bachelor of Applied Science Candidate in Computer Engineering

Cumulative GPA: 4.0 (90%)