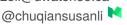
# Chugian **Li**

http://Chuqianli.me

# Contact

(929) 273 9691 c425li@uwaterloo.ca⊠



susancgli in suzyng83209

# **Experience**

#### Pippa, New York City, NY

CO-OP [CURRENT]

Developed features in React/Redux including DNS-hosting service for client content with Lambda

· Developed more efficient transaction process to reduce manual employee customer service time

Developed global search with querying algorithm for inclusive/exclusive tags with React/Redux

· Increased security with authorization & type-checking middleware on server

Led front-end feature implementation in React/Redux with UI/UX

- · Created compressed Docker Image of multiple services & auto-scaling with Swarm + AWS
- Increased speed of web-scraping script by multiprocessing & proxying from 24 hr to 14 hr
- Reduced use of cloud storage & spending by analysing similar request data up to 40%

• Expanded API in Java for analysis of user/product data & feature implementation

• Drafted business plan & sales strategies, chaired meetings & designed prototype

• Top 3 for Company of the Year, Website of the Year, President of the Year.

#### Robin Media, Los Angeles, CA

& burden by 50%

Beyond - JA, Calgary, AB

CO-OP [JAN 2017 - MAY 2017]

Youth Entreprenuership Competition [SEP 2015 - MAR 2016]

# Skills

Most to least proficient

#### Languages

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

#### Tech

React, Redux, NodeJS, ReactNative, Android Studio

### **Database**

MongoDB

#### DevOps

Docker, AWS EC2, Heroku

### VCS Git, SVN

Postgres, Firebase,

# **Projects**

# Symposio | Symposio.stream github.com/suzyng83209/symposio

Solo - [ONGOING]

Interview Application with recording, messaging, & transcript generation. Streams are recorded locally & merged with ffmpeg to produce high-quality interview recording. Written with NodeJS & React using Mailgun API, Watson Developer Cloud API, AWS SDK, WebRTC, Socket.io, ffmpeg. Hosted with custom Docker Image & AWS EC2 Linux AMI

#### CyanoSleuth | github.com/suzyng83209/cyanosleuth

Solo - [ONGOING]

A platform to analyze & upload water quality data from a water testing kit & for scientists to access & analyze all crowd-sourced data. Written in React/Redux & NodeJS using Google Maps API, Clarifai Image API, & Firebase. Hosted with Heroku

# Markov Messenger | github.com/suzyng83209/markov-messenger-bot

Created at EngHack 2017

A chatbot that generates a markov chain from scraping conversation data to simulate proper conversation with context. Analyzes sentiment of messages & responds with appropriate Facebook reacts. Written in Python, ReactNative, NodeJS & uses in-house semantic analysis.

### Log(me); | github.com/suzyng83209/htn2017

Created at Hack the North 2017

A smart journal that runs semantic analysis on user's daily logs with quantitative inputs & local events to determine likelihood of stress or depression. NodeJS, Python, Firebase, Socket.io.

# Interests & **Interesting Facts**

Techstars Music 2017 Alumni

Passionate Developer

Foodie

Snowboarder

Karaoke Master

Medium Writer

Fan of coding in hot tubs

# Education

University of Waterloo, Waterloo, ON, Canada

SEP 2016 - APR 2021

Honors Bachelor of Applied Science Candidate in Computer Engineerings Awards: Queen's Golden Jubilee Award, Premier's Citizenship Award, Hatch Entrance Scholarship, President's Scholarship of Distinction. **Cumulative GPA: 4.0 (90%)**