Chuqian Li

http://Chuqianli.me

Contact

(929) 273 9691 📞
chuqian.li@uwaterloo.ca ✉
@chuqiansusanli Ⓜ
suzyng83209 🎧
susancqli in

Skills

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

Frameworks
React, Redux, NodeJS,
ReactNative, Android Studio

Database
Postgres, Firebase, MongoDB

DevOps
Docker, AWS EC2, Heroku

Interests & Interesting Facts

Techstars Music 2017 Alumni

Passionate Developer

Foodie, Snowboarder,
Karaoke Master

Fan of coding in hot tubs

Awards

Queen's Golden Jubilee
Award

Premier's Citizenship Award

Hatch Entrance Scholarship

President's Scholarship of
Distinction

Experience

Full Stack Software Developer | Pippa, New York City, NY · SEP 2017 - JAN 2017
- Developed features in React/Redux including DNS-hosting service for client content with Lambda
- Increased security with authorization & type-checking middleware server-side
- Created compressed Docker Image of multiple services & auto-scaling with Swarm + AWS
- Increased speed of web-scraping script by multiprocessing & proxying; cut process time in half
- Reduced use of cloud storage by 40% by analysing & replacing similar data%

Full Stack Software Developer | Robin Media, Los Angeles, CA · JAN 2017 - MAY 2017
- Led front-end feature implementation in React/Redux with UI/UX
- Expanded API in Java for analysis of user/product data & feature implementation
- Developed more efficient transaction process to reduce manual customer service time by 50%
- Developed global search with querying algorithm for inclusive/exclusive tags with React/Redux

President | Beyond - JA, Calgary, AB · SEP 2015 - MAR 2016
- Drafted business plan & sales strategies, chaired meetings & designed prototype
- Top 3 for Company of the Year, Website of the Year, President of the Year.

Projects

Symposio | 🎧 🔗 · Solo - [ONGOING]
- Interview Application w/ real-time messaging, recording, & transcript generation.
- Streams recorded client-side & merged w/ ffmpeg to produce HQ interview recording.
- NodeJS, React w/ MailGun, Watson Developer Cloud, AWS, WebRTC, Socket.io, ffmpeg.
  Custom Docker Image on EC2 Linux AMI

CyanoSleuth | 🎧 · Solo - [ONGOING]
- Platform to analyze & upload water quality data from associated water testing kit
- Displays & analyzes cumulative crowd-sourced data
- React/Redux, NodeJS w/ Google Maps API, Clarifai Image AI, Firebase, Heroku

Markov Messenger | 🎧 · Created at EngHack 2017
- Facebook chatbot that generates markov chain from scraping conversation data to simulate proper conversation in context
- Runs custom sentiment analysis on incoming messages & responds with appropriate message & Facebook React.
- Python, ReactNative, NodeJS w/ Heroku & custom semantic analysis algorithm

Log(me); | 🎧 · Created at Hack the North 2017
- Smart Journal that runs semantic analysis on user's daily logs alongside quantitative inputs & local events to determine likelihood of stress or depression w/ real-time messaging
- React, NodeJS, Python w/ Firebase, Socket.io & Heroku

Education

University of Waterloo, Waterloo, ON, Canada · SEP 2016 - APR 2021
Honors Bachelor of Applied Science Candidate in Computer Engineering
Cumulative GPA: 4.0 (90%)