Chuqian Li

http://Chuqianli.me

Contact

(929) 273 9691 ☎
c425li@uwaterloo.ca ✉
@chuqiansusanli Ⓜ
susancqli 🔗
suzyng83209 ⬤

Skills

Most to least proficient

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

Tech
React, Redux, NodeJS,
ReactNative, Android Studio

Database
Postgres, Firebase,
MongoDB

DevOps
Docker, AWS EC2, Heroku

VCS
Git, SVN

Interests & Interesting Facts

Techstars Music 2017
Alumni

Passionate Developer

Foodie

Snowboarder

Karaoke Master

Medium Writer

Fan of coding in hot
tubs

Experience

Pippa, New York City, NY   CO-OP [CURRENT]

- Created compressed Docker Image of multiple services and auto-scaling with Swarm + AWS
- Increased speed of data-scraping script by multiprocessing and proxying from 24 hr to 12 hr
- Reduced use of cloud storage and spending by analysing similar request data up to 40%
- Set up AWS lambda logging and log rotation; decreased bug searching time by 70%

Robin Media, Los Angeles, CA   CO-OP [JAN 2017 - MAY 2017]

- Led front-end implementation of APIs such as Stripe & Spotify with custom user flow
- Expanded API to for analysis of user/product data and feature implementation
- Developed more efficient transaction process to reduce manual employee customer service time and burden by 50%
- Developed global search with querying algorithm for inclusive/exclusive tags

Beyond - JA, Calgary, AB   Youth Entreprenuership Competition [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 Symposio.stream github.com/suzyng83209/symposio   SOLO - [ONGOING]

Interview Application with recording, messaging, & transcript generation. Streams are recorded locally and 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 and upload water quality data from a water testing kit and for scientists to access and 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 and responds with appropriate Facebook reacts. Written in Python, ReactNative, NodeJS & and uses in-house semantic analysis.

Log(me); github.com/suzyng83209/htn2017   Created at Hack the North 2017

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

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. 4.0 GPA (90%)