Chuqian Li

https://suzyng83209.github.io/website

Contact

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Skills

Frontend
JavaScript (ES5 & ES6)
ReactJS, Redux, RxJS
CSS3, SCSS & HTML5

Backend
Python, C++, Java, NodeJS

Mobile
React Native
Android Studio

Database Tech
Postgres, Firebase,
MongoDB

Platform & containerization
Docker, AWS, Heroku

VCS
Git (Github, GitLab)
SVN

Experience

Pippa, New York City, New York　　　　　　　　CURRENT CO-OP/Internship

- Increased speed of data-scraping script by multiprocessing and proxying
- Reduced use of cloud storage and spending for similar image uploads by analysing HEAD request data between Show covers and Episode covers
- Developed more accurate analytics by accounting for webcrawlers

Robin Media, Los Angeles, CA　　　　　　JAN 2017 - MAY 2017 CO-OP/Internship

- Led front-end implementation of APIs such as Stripe & Spotify
- Expanded API to efficiently collect & analyze user/product data and for feature implementation
- Developed more efficient transaction process to reduce manual employee customer service time and burden by 50%
- Developed global search which increased interactability to anonymous users and generated higher turnover rate.
- Consulted in business decisions about product roadmap.

Beyond - JA, Calgary, AB　　　　SEP 2015 - MAR 2016 Youth Entreprenuership Competition

- Drafted business plan & sales strategies, chaired meetings, drafted & designed prototype
- Top 3 for Company of the Year, Website of the Year, President of the Year.

Projects

CyanoSleuth　　github.com/suzyng83209/cyanosleuth-frontend | backend *Created for AquaHacking 2017*

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 and NodeJS.

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 a proper conversation with context. Analyzes sentiment of messages and responds with facebook reacts.

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

A smart journal app that runs semantic analysis on the user's daily logs in context with quantitative inputs and local events to determine one's likelihood of stress or depression. Notice of negative trends, will direct to professionals to chat with through an in-house chat feature.

Education

Honors Bachelor of Applied Science candidate in Electrical/Computer Engineering

University of Waterloo, Waterloo, ON, CAN Expected to graduate: April 2021

Awards: Queen's Golden Jubilee Award, Premier's Citizenship Award, Hatch Entrance Scholarship, President's Scholarship of Distinction.

Interests and interesting facts

Techstars Music 2017 Alumni! Passionate developer of Cool Stuff™. Greatly interested in IoT, PWAs, and ML. Food enthusiast. Karaoke master. Fan of coding in hot tubs.