Chuqian Li

https://chuqianli.me

Contact

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Skills

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

Functional Programmer but appreciates OOP

Snowboarder, Karaoke Master

Fan of coding in hot tubs

Experience

Full Stack Developer | Pippa, New York City, NY — SEP 2017 - JAN 2017
- Developed features in ReactJS including custom audio player & audio-editing dashboard
- Created 15% smaller Docker Images of multiple services for auto-scaling
- Decreased process time of web-scraping script by multiprocessing & proxying in half
- Reduced use of cloud storage by 40% by programmatically comparing & 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 analysis of user/product data
- Streamlined transaction process to reduce manual customer service time by 50%
- Build client-side global search functionality for inclusive/exclusive tags with React/Redux

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, & 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 & upload water quality data from water testing kit
- Displays & analyzes cumulative crowd-sourced data
- React/Redux, NodeJS with Google Maps API, Clarifai Image AI, Firebase, Heroku

Markov Messenger | ⎇ — Created at EngHack 2017
- Facebook auto-responder using markov chains generated by scraping conversation data
- Runs sentiment analysis on incoming messages & responds with analogous emojis
- Python, ReactNative, NodeJS with 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 with real-time messaging
- React, NodeJS, Python with Firebase, Socket.io & Heroku

Education

University of Waterloo, Waterloo, ON, Canada — SEP 2016 - APR 2021

Honors Bachelor of Applied Science Candidate in Computer Engineering

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

Cumulative GPA: 4.0 (90%)