

Chugian Li

<http://Chugianli.me>

Contact

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Skills

Languages

JavaScript, CSS, HTML

Java, Python, C++

Frameworks

React, Redux, NodeJS,

ReactNative

Database

Postgres, Firebase, MongoDB

Tools

Bash, Git, Android Studio,

Docker, AWS EC2, Heroku

Interests

Food

Snowboarding

Karaoke

Awards

Techstars Music 2017 Alumni

Queen's Golden Jubilee
Award

Premier's Citizenship Award

Hatch Entrance Scholarship

President's Scholarship of
Distinction

Experience

Pippa | Full Stack Developer | New York City, NY

SEP 2017 - JAN 2017

- Implemented DNS-hosting service with React frontend for client content using AWS Lambda
- Developed server-side authorization systems & type-checking middleware
- Deployed auto-scaled service clusters with Docker Swarm + AWS
- Increased speed of web-scraping script through distributed preprocessing & proxying; cut process time in half
- Reduced use of cloud storage by 40% by programmatically replacing similar data

Robin Media | Full Stack Developer | Los Angeles, CA

JAN 2017 - MAY 2017

- Implemented frontend features with React & Redux
- Expanded Java API for analysis of user/product data
- Streamlined transaction process to reduce manual customer service time by 50%
- Built client-side global search functionality for inclusive/exclusive tags with React & Redux

Beyond - JA | President | Calgary, AB

SEP 2015 - MAR 2016

- Top 3 for Company of the Year

Projects

Symposio | 📱 🌐

- NodeJS, React, Watson Developer Cloud, AWS, WebRTC, Socket.io, ffmpeg, Docker, EC2
- Interview application with real-time messaging, recording & transcript generation

CyanoSleuth | 📱

- Platform to analyze & upload water quality data from associated water testing kit
- Displays & analyzes cumulative crowd-sourced data
- React/Redux, NodeJS, Google Maps API, Clarifai, Firebase, Heroku

Markov Messenger | 📱

- Facebook autoresponder using markov chains generated by scraping conversation data
- Runs sentiment analysis on incoming messages & responds with appropriate emojis
- Python, ReactNative, NodeJS w/ Heroku & custom semantic analysis algorithm

Log(me); | 📱

- 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

BaASc: Computer Engineering

Cumulative GPA: 4.0 (90%)