Austin Chen

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Skills

FULLSTACK
node
react
express
django
mongodb
couchdb

TECHNOLOGIES
git
mocha
redis
nginx

LANGUAGES
javascript
python
java
c++
html5 / css3

Awards

EUCLID MATH CONTEST
Certificate of Distinction (top 25%)
University of Waterloo
April 2017

CANADIAN COMPUTING COMPETITION
Certificate of Distinction (top 25%)
University of Waterloo
February 2017

Education

UNIVERSITY OF WATERLOO
Candidate for BASc in Computer Engineering
Cumulative Avg: 85%
September 2017 to May 2022

Hobbies

photography
speed cubing
film making

Employment

IBM   Toronto, ON
Fullstack Developer   January 2019 to April 2019
- Developed and tested front-end features for IBM Cloud Platform's Continuously Delivery service using **React** and **WebdriverIO**
- Built a Node **microservice** that lets developers post service-status notifications to UI clients easily through Slack, increasing responsiveness to critical issues
- Enhanced back-end APIs and database models to block suspended users from accessing particular cloud resources

CLIMAX MEDIA   Toronto, ON
Software Development Engineer in Test   May 2018 to August 2018
- Developed and integrated a React application into an existing web portal which allowed test cases to be sorted and organized based on priority
- **Automated** testing workflow by writing end-to-end test suites using NightwatchJS, as well as test scripts to verify API responses
- Communicated frequently with PM, BA, and developers to understand business needs and design requirements to produce solutions for time-intensive problems

Projects

AUTOCRITIC   January 2019
python • natural language processing
- Built a web application that leverages **sentiment analysis** to predict film ratings, averaging within 10% of Rotten Tomatoes scores
- Created a **Django** server that utilizes web scraping with html parsing to collect film review data
- Trained a **logistic regression** model with count vectors produced from review data to identify positive and negative reviews

WATCH ALONG   August 2018
node • fullstack app • web sockets
- Built a content consumption platform which allows multiple users to watch online videos synchronously with each other
- Utilized **socket.io** to synchronize client-side video player events with back-end server to ensure concurrent playback among all connected clients
- Created custom video player controls that interface with Youtube Player API to control video playback

MYTASKS   July 2018
node • mongodb • fullstack app • web sessions
- Developed a **responsive** task management web application using Node with **Express** in which users can schedule, manage, and organize tasks and events
- Implemented account registration and authentication using **Passport.js** with the option to authenticate with a Google account using **OAuth2.0**

TWEET ANYWHERE   May 2018
react • single-page app
- Developed a single-page React application that allows users to search for Tweets by location and save selected Tweets to a mongo database
- Implemented **Google Maps** and **Twitter APIs** to convert user input to coordinate points and fetch Tweets within a set radius from the location