

Austin Chen

✉ austinhxchen.com | ✉ hx4chen@edu.uwaterloo.ca | ☎ (647) 636 0711 | 🌐 austichen | 🌐 austinhxchen

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

Software Developer

Toronto, ON

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 directly to UI clients through Slack, improving transparency with critical issues
- Enhanced APIs and database models for multiple service brokers to block suspended users from accessing particular cloud resources

CLIMAX MEDIA

Software Development Engineer in Test

Toronto, ON

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

python • natural language processing

January 2019

- Built a web application that leverages **sentiment analysis** to predict film ratings, averaging within 10% of Rotten Tomatoes scores
- Created a **Django** server that processes search queries for films and utilizes **web scraping** with html parsing to collect and store 100+ reviews per film
- Trained a **logistic regression** model with count vectors produced from review data to identify positive and negative reviews

WATCH ALONG

node • fullstack app • web sockets

August 2018

- 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

node • mongodb • fullstack app • web sessions

July 2018

- 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

react • single-page app

May 2018

- 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 location searches to coordinate points and fetch Tweets made within a set radius from the location