Austin Chen

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Skills

TECHNOLOGIES

node
express
react
mongodb
redis
django

LANGUAGES

javascript
python
java
c++
html5 / css3

TOOLS

git
bash
heroku

CREATIVE

adobe photoshop
adobe illustrator
sony vegas

Awards

EUCLID MATHEMATICS CONTEST
University of Waterloo
April 2017
Certificate of Distinction - top 25%

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

Hobbies

photography
speed cubing
cinematography

Employment

IBM   Toronto, ON

Fullstack Developer   January 2019 to April 2019

- Developed and tested various 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
- Communicated frequently with PM, BA, and developers to understand business and design requirements to produce solutions for time-intensive problems
- **Automated** testing workflow by writing end-to-end test suites using NightwatchJS, as well as test scripts to verify API responses

Projects

AUTOCRITIC   January 2019

- Built a web application that leverages **sentiment analysis** to predict film ratings within 10% of their Rotten Tomatoes score, on average
- 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

- 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's API to control video playback

MYTASKS   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**
- Visualized data to illustrate the current state of users' tasks to allow for easy tracking of task completion

Education

UNIVERSITY OF WATERLOO   September 2017 to Present

Candidate for Bachelor of Applied Science in Computer Engineering
Cumulative Average: 85.1/100