

Austin Chen

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Skills

TECHNOLOGIES

node.js
express.js
react.js
mongodb
bootstrap
jQuery

LANGUAGES

javascript
java
C++
python
html5 / css3

TOOLS

git
bash

CREATIVE

adobe suite
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
graphic design
leetcode

Employment

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
- Led testing initiative for the Special Offers web application on honda.ca and acura.ca; identified and diagnosed **100+** bugs and issues during development to achieve a seamless production release
- Communicated frequently with PO, BA, and developers to understand business and design requirements to produce solutions for time-intensive problems
- **Automated** testing workflow by writing e2e test suites using NightwatchJS, as well as test scripts to verify API responses on b2c services

Projects

WATCH ALONG

Ongoing

- 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 front-end pages which contain video control interfaces as well as real-time chat boxes using **Bootstrap** and **jQuery**

MYTASKS

July 2018

- Developed a **responsive** task management web application using Node.js 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**
- Utilized **AJAX** requests to access backend **REST APIs** to modify tasks and access user info
- Visualized data which illustrates the current state of users' dashboards to allow for easy tracking of task completion

TWEET ANYWHERE

May 2018

- Developed a single-page React application that allows users to search for Tweets by location
- Implemented **Google Maps** and **Twitter APIs** to convert user input to coordinate points and fetch Tweets within a set radius from the location
- Designed back-end REST APIs with Express to store and access saved Tweets from a **MongoDB** database

KEYBOARD SECURITY SYSTEM

November 2017

- Implemented **C++** in an embedded system with an Onion Omega board to build a password secured OLED display unit with an integrated text editor
- Cross compiled code which utilized Omega-I2C and Onion OLED Expansion libraries in Ubuntu and integrated it with hardware

Education

UNIVERSITY OF WATERLOO

September 2017 to Present

Candidate for Bachelor of Applied Science in Computer Engineering

Term Average: 85.2/100