JASON KIM

EXPERIENCE

CHEFHERO | SOFTWARE ENGINEERING INTERN
Toronto, ON | May 2017 - Aug. 2017

- Designed and developed an interactive sign-up page for new customers in **React.js** & **Redux** from scratch, reducing customer onboarding process by 67%
- Created and modified necessary API endpoints to provide a 26% faster front-end to back-end communication
- Refactored the company website UI using **React.js** by minifying and componentizing a **Jinja** based legacy codebase
- Integrated analytics architecture using **Google Analytics**, and a live **Intercom** chatbot to provide interactive user feedback

ROGUE WAVE SOFTWARE | AUTOMATION DEVELOPER
Ottawa, ON | Sept. 2016 - Dec. 2016

- Optimized error triggering points in automation tests written in **C++ and Python** to decrease its execution time by 23%
- Developed 7 new virtual test machines of Mac OSX, Solaris, and AIX, increasing test coverage and product stability
- Architected test failure per-build comparison tool using **TestLink API**, currently in use by 20+ employees

PROJECTS

EMOTIONTUNES   https://emotion-tunes-project.herokuapp.com/
- A web platform that identifies facial expressions of image URLs and plays a corresponding song based on the emotion detected
- Built using **Microsoft Cognitive Service (Emotion API)**, **React.js**, **Material UI**, and **Meteor.js**

#OOTC
- A web platform that shows celebrity outfits, with customizable header where brand logos are added as search filters.
- Built using **React.js** and **Redux**, with **Meteor.js** back-end support

MEMORY BOUND
- A calendar application with personal log-in credentials and a sound-integrated real-time reminder function, made in **Java**

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EDUCATION

UNIVERSITY OF WATERLOO
Waterloo, ON | Expected 2020

- Mechatronics Engineering B.A.Sc
- Relevant Courses: Data Structures & Algorithms, C/C++ Programming for Engineers, Linear Algebra

SKILLS

- **LANGUAGES**: C/C++, Python, Java, JavaScript (ES6), HTML5, CSS3

- **FRAMEWORKS**: React.js, Redux, Bootstrap, Material UI, Meteor.js, Jinja2, WebApp2

- **TECHNOLOGIES**: Git, Atlassian Tools (Confluence, Jira), Microsoft Cognitive Services, BitBucket, Heroku, Jenkins, Google App Engine, Google Maps API

INTERESTS

Photography, Fashion, Guitar, Super Smash Bros Melee, Pingpong