**SHANGHAO (KEITH) LI**

**Front End Developer** Email: [keithli9395@gmail.com](mailto:keithli9395@gmail.com) | [Tel: (343) 988-3668](#_bookmark0)

LinkedIn: <https://www.linkedin.com/in/keithli93>

1206-1551  Lycée Place, Ottawa, ON

# *“I am passionate about what I do and always give 100%. When I undertake*

# *a project or task, I don’t just complete it, I go the extra mile*

# *and make it better than requested”*

# PROFESSIONAL PROFILE

# Jr. Front End Developer with 1 plus year of experience of front end web development using React from the ground up – design, development, debugging, troubleshooting, testing, delivery and maintenance. Possessing a good eye on aesthetic design such as typography, colour, and layout. Proficient in an assortment of technologies and tools, including JavaScript (ES6), HTML5/CSS3, React, Redux, SASS and git. Extreme passionate about application development and eager learning attitude towards new technologies. Mastery of time-management and communication skills. Able to effectively self-manage during independent tasks, as well as collaborating in a team setting.

# TECHNICAL SKILLS

# Languages: Javascript (ES6), HTML, CSS, CSS preprocessors (SASS), SQL

# Library/Framework: React, Redux, redux-thunk, Jest, react-intl, node.js, BEM, Material-UI, Bootstrap, styled-components, Highcharts

# Web services: REST API, JSON, AJAX, axios

# Technologies/Tools: CircleCI, storybook.js, Netlify, Phonegap, Apache Cordova, Git & Github, npm

# [WORK EXPERIENCE](#_bookmark0)

***Junior Front End Developer / Research Assistant*** May 2019 – Present

*University of Ottawa, Ottawa, Canada*

**Project: E-commerce Mobile Hybrid App Development for Local Merchants | Developer**

* Designed and developed the application and responsive UI/UX using React & Material-UI and managed state through react-redux, Redux, Redux-Thunk and ImmutableJS
* Implementing web services for fetching data from the server by using RESTful APIs and axios
* Integrated with PayPal checkout API and Google Map API to allow top-up and accurate location service
* Created two sets of interface for merchants & consumers respectively and adopted react-Intl library to internationalize the application with English and Chinese version
* Packaged and supported the deployment of releases on the Android platform through Cordova and applied version control software (Git) to track and update pre-existing source code

**Project: Personal Name Card | Developer**

* Developed a responsive simple web application with CSS Flexbox layout using React and BootStrap 4
* Converted class-based components to function components using useState, useEffect built-in hooks API in React
* Provided language-switched feature by adopting React built-in createContext and useContext while managing state using useReducer hook API instead of Redux
* Implemented the backend server and managed a small well-functioning database using Express, Node.js and MySQL to store comments giving by readers who viewed the website

***Engineer in Training (EIT)***  Aug 2018 – March 2019

[*D.L. Engineering Inc., Richmond Hill, Canada*](#_bookmark0)

* Coordinated with clients on-site and through phone & email and designed wood structural buildings

# [EDUCATION](#_bookmark0)

***Node with React: Full-stack Web Development (node.js, Express, and MongoDB)*** Feb 2019 - Current

[*Udemy Online Learning*](#_bookmark0)

***Master of*** ***Engineering in Civil Engineering, GPA 9.7/10*** Sep 2016 - June 2018

[*University of Ottawa, Ottawa, Canada*](#_bookmark0)

***Bachelor of Engineering in Civil Engineering, GPA 8.7/10*** Sep 2012 – June 2016

*Guangdong University of Technology, Guangzhou, China*

# [REFERENCES](#_bookmark0)

**Dr. Tet Yeap**

*Director of Bell Canada Advanced Research Laboratory, University of Ottawa*

**Tel:** 613-562-5800 ext. 6219

**Email:** [tyeap@uottawa.ca](mailto:tyeap@uottawa.ca)