Qiao Wen, Loh

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SKILLS

HTML5	★★★★★
CSS3	★★★★★
SCSS/SASS	★★★★
JavaScript (ES6)	★★★★★
React	★★★★★
Redux	★★★★
Webpack	★★★★
PHP	★★
D3.js	★★★★
Node.js	★★★
Express	★★★
MongoDB	★★★
GraphQL	★★

LANGUAGES

English

Chinese

Malay

HOBBY

Graphic Design

PROFESSIONAL SUMMARY

I am an aspiring front-end engineer who is passionate about building web applications that deliver excellent user experience. Nothing motivates me more than knowing that I am contributing to a product that makes a positive impact on the world.

PROJECTS

Full-stack application: A book reflection documenting app
reflection-io.herokuapp.com
- An application prototype that allows users to search book from Google Book database and add their reflections on the book. Users can also modify and delete their reflection entries.
- Built with React, Node.js, Express and MongoDB on a RESTful API.
- Increased reusability of components by abstracting application logic into higher order components.

Portfolio site and coursework
qwen-3108.github.io/my-portfolio
- A fully responsive site to showcase mini React projects from coursework.
- Minimized the use of external libraries to keep the site lightweight by harnessing native CSS features for layouts and animations whenever possible.

VOLUNTEER EXPERIENCES

Engineering Good Student Chapter's Technology Development Programme 4.0
Participant, Jan 2018 - May 2018
- Interviewed wheelchair users to identify a design problem under the coordination of Disabled People Association (DPA).
- Designed a seat cushion to alleviate the pressure under a wheelchair user to prevent the development of pressure sores.

Overseas Community Involvement Programme
Programmer, Sep 2015 - Jul 2016
- Planned and conducted an art workshop for 20 students at a primary school in the rural area of Pangasinan, Philippines and helped in the construction of the school library.

OTHERS

NTU Materials Science and Engineering Alumni Association
Secretariat, Aug 2017 - Jul 2018
- Engaged alumni by sending event invitations through email and Facebook event page.
- Managed alumni participation which involved consolidating event attendees list and taking attendance on the event day.

CERTIFICATES

- [Front End Libraries](#), *Apr 2020*
  Issuer: freeCodeCamp.org
  Developer certification, representing approximately 300 hours of coursework in libraries including jQuery, Bootstrap, SASS, React and Redux.

- [JavaScript Algorithm and Data Structures](#), *Mar 2020*
  Issuer: freeCodeCamp.org
  Developer certification, representing approximately 300 hours of coursework in coding plain JavaScript.

BACKGROUND

Work Experience	**Research Engineer**, *Jul 2018 – Dec 2019* National University of Singapore, Singapore
Education	**Bachelor of Engineering (Honours)**, *2018* Nanyang Technological University, Singapore