Qiao Wen, Loh

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github/qwen-3108

codepen.io/qwenloh

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SKILLS

HTML5 **** CSS3 **** SCSS/SASS $\star\star\star\star$ **** JavaScript (ES6) React **** Redux $\star\star\star\star$ *** Webpack PHP ** D3.is $\star\star\star\star$ $\star\star\star$ ***

LANGUAGES

GraphQL

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 Research Engineer, Jul 2018 – Dec 2019
Experience National University of Singapore, Singapore

Education Bachelor of Engineering (Honours), 2018

Nanyang Technological University, Singapore