

# Xin Chen

**Email:** fqchenxin@gmail.com

**Mobile:** 04 3243 1014

**Visa:** Permanent Resident

**Location:** Blackburn, VIC, 3130

**LinkedIn:** <https://www.linkedin.com/in/xin-chen-mark/>

**GitHub:** <https://github.com/BubbleKID>

## TOOLS & TECHNICAL SKILLS

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**Front End:** Experience with HTML5, CSS3, JavaScript(ES6), ReactJS/Redux, Material-UI, Jest/Enzyme, JQuery, Bootstrap, WebGL, Three.js

**Back End:** Experience with PHP, node.js Restful API, ExpressJS, LoopBack3, MongoDB, MySQL

**Cloud Service:** Hands-on experience with AWS EC2, S3 and Elastic Beanstalk as well as Heroku.

**E-commerce and CMS:** WordPress

**Version Control:** Git, GitHub, Sourcetree

**Graphics:** Adobe Photoshop/Illustrator

**IDE:** VSCode

**CI/CD:** TravisCI

## PROJECT EXPERIENCE

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### Learning Management System (Ongoing)

Jul 2018 - Now

JSX, ReactJS, Loopback3, Node.JS, Material-UI, Restful API, GitHub, Agile, TravisCI

- Use Agile project management methodology.
- Use GitHub for version control.
- Implement user interface by using Material-UI framework which improves the development proficiency.
- Use ReactJS and Restful API to build a learning management system that allows the user to manage courses and profiles, trace learning process, generate report etc.
- The project uses Loopback3 as API server and use axios to manage the API request and JWT to encode the token.
- Use Context API to avoid props drilling.
- Use Jest/Enzyme for unit testing.

### Paginate-cache Project

ReactJS, Redux, React-router, Redux-thunk, Restful API, Material-UI

- Display a paginated set of card data on the page and allow the user to change pages to see all the available cards.
  - The page change appears instant to the user as the next page of cards show up straight away. Project achieves this functionality by using a state to cache next pages dynamically.
  - When the user changes page, the data is already available, so it will show up straight away.
  - Implement user interface by using Material-UI framework which improves the development proficiency.
  - Use Jest/Enzyme for unit testing.
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- GitHub: <https://github.com/BubbleKID/paginate-cache>

## React Pizza Creator

### JSX, ReactJS, GitHub, Heroku

- React Pizza Creator is an online pizza order system (ReactJS) base on toddmotto's angular pizza creator
- Project is deployed on Heroku's web service which connects to my GitHub repo.
- Pizza creator allows the users to pick pizza toppings and the display surcharges/total price dynamically.
- GitHub: <https://github.com/BubbleKID/pizza-creator>
- Demo site: <http://marksama.com.au/>

## Tesla Range Calculator (ReactJS)

### JSX, ReactJS, GitHub, Heroku

- Created the Tesla modelS range calculator by using ReactJS
- The range of different models is automatically updated after the user interacts with the controller components: speed controller, temperature controller, ac/heat controller and wheel size controller.
- GitHub: <https://github.com/BubbleKID/tesla>
- Demo: <https://tesla-range-calculator.herokuapp.com/>

## Personal Profile Site (ReactJS AWS S3/Heroku)

- Created the ReactJS version of hades217's personal profile site
- This is a one-page site which has Home, Resume, Blog and Contact 4 sections
- GitHub: <https://github.com/BubbleKID/personal-profile>
- Demo:
  - Heroku: <https://profile-mark.herokuapp.com/#home>
  - AWS S3: <http://marksama.com.au.s3-website-ap-southeast-2.amazonaws.com/>

## EMPLOYMENT HISTORY

### EBay Listing Assistant & Web Developer | TDRMOTO Pty Ltd

2018 - Now

#### PHP, eBay API, MySQL, JavaScript, Python, Photoshop

Maintain and developer new function eBay listing system (PHP)

Maintain and create eBay listing

Crawl and analyse competitor's store by using Python Crawler Framework

#### Achievements:

- Use multiple threads to synchronize the listing database which is 50% faster than before.
- Optimize the companies exist listing/dispatch system.
- Automated listing discount system.
- Fixed address verification bug caused by API change which is the core part of the dispatch system.

**HTML5, CSS3, Pannellum.js, JavaScript**

Created a responsive 360-degree VR panorama website base on client's requirement. The project aims to build a preview of gold coast light rail stations with web VR technology.

- Demo: <http://marksama.hol.es/demo/>

**Web Developer & Designer | Australian Trading Bridge Pty Ltd****2016 –2017**

PHP, MySQL, JavaScript, WordPress, Laravel, Photoshop, Illustrator, 3DS MAX, Android Studio

**Responsibilities:**

- Web development / SEO optimization

**Projects:**

- **Yuto Company | [www.yuto.com.au](http://www.yuto.com.au)**  
PHP, MySQL, HTML, CSS, JS, CPanel
- **Australian Manufacturer Anti-Counterfeiting League | [www.oz-manufacturer.org](http://www.oz-manufacturer.org)**  
PHP, MySQL, HTML, CSS, JS, WordPress
- **DFshopping Mall | [www.dfshoppingmall.com](http://www.dfshoppingmall.com)**  
PHP, MySQL, HTML, CSS, JS, CS-cart

**Achievements:**

- Created and customized the company's official website (WordPress)
- Created and customized the company's official website: CS-cart (PHP + Smarty template system)
- Created the anti-counterfeiting site and integrate it to WordPress system (PHP + AJAX + MySQL)
- Created and designed Customer management system for anti-counterfeiting site (Laravel)

**Freelance Web Developer, Australia**

PHP/ Laravel, MySQL, HTML, CSS, JavaScript, Bootstrap, WordPress

**Responsibilities:**

- Gather requirements,
- Interaction with the client,
- Finalize the project duration & cost,
- Submit the design (PSD) and get feedback from the client,
- Convert PSD to HTML & CSS,
- Development using PHP & MySQL,

**Projects:**

- **Bill's Asian Kebab | [www.billsasiankebab.com/hobart/gallery.html](http://www.billsasiankebab.com/hobart/gallery.html)**  
HTML, CSS, Bootstrap
- **Hobart Collaborations Bottle Shop | [www.tassiecellarbrations.com.au/](http://www.tassiecellarbrations.com.au/)**  
PHP, MySQL, HTML, CSS, JS, Prestashop

## EDUCATION

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- **Graduate Diploma of Science - Computing** **2016**  
University of Tasmania, Hobart
- **Bachelor of Computing** **2012 - 2015**  
University of Tasmania, Hobart