

HANNA WONG

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EDUCATION & CERTIFICATES

MASTER OF INFORMATION TECHNOLOGY (MONASH UNIVERSITY) (2017-2019)

- *Post Graduate Industry Experience Winner*

BACHELOR OF COMMERCE (MONASH UNIVERSITY) (2021-2022)

- *FRM Program – Passed Part I (Financial Risk Manager)*
- *CFA level 2 (passed) (Chartered Financial Analyst)*
- *IELTS 7*

WORK EXPERIENCE

QANTITATIVE RESEARCH INTERN (2020-6 → 2020-12)

XIANGCAI SECURITIES CO., LTD. (QUANTITATIVE INVESTMENT DEPARTMENT)

- Extracting and cleaning stock data from Wind Financial Terminal.
- Applying a multi-factor model for stock selection. Building neural network models to identify powerful factors for return prediction.
- Assisting the operations department in acquiring real-time dynamic data through web scraping.

BAR ATTENDANT (2023-5 → PRESENT)

Australian Venue Co

WEB PROJECTS

GROSAVER PROJECT

Post Graduate Industry Experience Winner.

Developed a website to assist low-income families in Australia with maintaining a healthier diet within limited budgets. Implemented features such as a budget calculator, nutrition education, and gardening tips for growing fresh produce.

Technical Stack:

- Front-end: Vue.js, CSS, JavaScript, HTML, Leaflet library.
- Backend: Express.js, JWT, MySQL, CORS.
- Additional Tools: AWS Amplify, AWS DynamoDB, Chart.js, Canvas.

Notable Skills:

- Proficient in Vue.js for **component-based** development, **responsive UI**, **Vue Router**, and **Vuex**.
- Strong command of CSS, JavaScript, and HTML with knowledge of **ES6** syntax.
- Experience with **Git/GitHub** for version control and collaboration.
- Familiarity with **AWS Amplify** for seamless integration of user authentication and services.
- Skilled in utilizing the **Leaflet library** for interactive map integration.
- Ability to design **responsive layouts** for optimal user experience.
- Proficient in **Axios** for handling HTTP requests.

PERSONAL WEBSITE

<https://huijing12123.github.io/>

Personal Website Developed Using React Framework & Typescript

Technical Stack:

- Front-end: React Hooks API, CSS, JavaScript, Typescript, HTML, ES6, React Spring library.
- Additional Tools: React Router, Formspree for form submission.

Notable Skills:

- React: Utilized React framework to build components, leveraging functional components and **Hooks API** for dynamic interactions and **state management**.
- JavaScript & **Typescript**: Implemented logic and auxiliary functions using JavaScript and **ES6** syntax, including **debounce functions** and **animation** effects.

- React Spring: Integrated **React Spring library** to achieve animation and transition effects to enhance user experience.
- React **Router**: Implemented routing and navigation functionality using **React Router library**.
- **Formspree Contact Form** Component: Developed a contact form component using **React Hooks** and form validation functionality to enable form submission and display of success messages.
- Utilized **PropTypes** for type checking.

Website Optimization (Using Lighthouse) :

Performance (98); Accessibility (100); Best Practices (100); SEO (100)

- Layout optimization:
 - Serve images in next-gen formats (**webp**) (0.6s quicker)
 - Preloading the images to optimize the **Largest Contentful Paint** (LCP), reduced the page load time.
- Render optimization
 - Employed **conditional rendering**, loading components, and error handling in different components to enhance website stability.
- **Componentization**: Extracted redundant code to enable component reuse, improved code reusability and maintainability.
- **CSS Modularization**: For style management, enabling modular and organized style definitions.

BUSINESS ANALYSIS EXPERIENCE

CONDUCTED COMPREHENSIVE BUSINESS ANALYSIS OF XIAOMI GROUP

(Encompassing data from Q1 2018 to 2020).

- Utilized methods such as penetration rate analysis and industry concentration analysis to gain in-depth insights into industry trends and competitive landscape.
- Emphasized the calculation and comparison of key financial indicators during analysis to accurately evaluate company performance and operational conditions.

JOBREADY VIRTUAL WORK EXPERIENCE PROGRAM

(Consulting Industry and Automotive Performance Enhancement)

- Use common management consulting model to analyze business strategic direction.
- Use financial and management accounting analysis to understand business operations.
- Participate in business due diligence to gain insight into business operation and management