Zilong Wang

Canberra, Australia

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PROFILE

After completing two years of study at the Australian National University, I am well-acquainted with the Australian work culture and ready to contribute to its dynamic workspace. Currently, I am enrolled in a Professional Year Program, designed to further equip me for the Australian industry landscape.

At this stage, I am keen on securing a position as a junior front end developer. However, until I find the right opportunity, I am open to roles that may not fully utilize my skill set but would contribute to my living expenses. I am confident that my diverse experience and adaptability will enable me to excel in any role that comes my way.

EDUCATION & QUALIFICATIONS

Master of Computing, Australian National University   **July 2021 to June 2023**

Master's degree - specialized in Human Centred Design and Software Development

WORK EXPERIENCE

Web developer (volunteer) | Furry Friends Animal Rescue QLD   **Sept 2023 to present**

A group for current Furry Friends foster carers and volunteers to communicate about foster pets.

- Web page design and development

- Volunteer onboarding and training procedure workflow optimization

Programmer Intern | QTG Capital Management, ShangHai   **Dec 2021 to Apr 2022**

A quantitative trading company based in Shanghai, China, dedicated to research, development and practice of secondary market trading strategies.

- Responsible for program interface development with Dash;

- Responsible for program interactivity logic and workflow design;

- Responsible for programming work of the back-testing platform for trading strategies;

- Responsible for processing and storing various types of data generated during the back-testing and programming;

- Based on the open-source repository BackTrader and the premise provided by my colleagues, I successfully accommodated BackTrader to the trading of future, and kept testing the performance and accuracy during the whole period to make it usable and useful.

Engineer | China National Petroleum Corporation   **Jul 2011 to Nov 2018**

China national petroleum corporation (CNPC) is by the central committee direct management of the state-owned oversize state-owned enterprises, a super-large petroleum and petrochemical enterprise group.

- Responsible for monitoring and maintenance of steam generators.

Education History

Master of Computing, Australian National University

Master of Advanced Engineering, Monash University

Bachelor of Engineering, China University of Petroleum(East China)

Portfolio & Projects

React framework	JavaScript development	HTML/CSS skills	Python development
AWS Developer skills	RESTful API	GraphQL	NextJs
SQL operation	Three.js 3D modeling	OpenGL 3D graphics	Basic Machine Learning

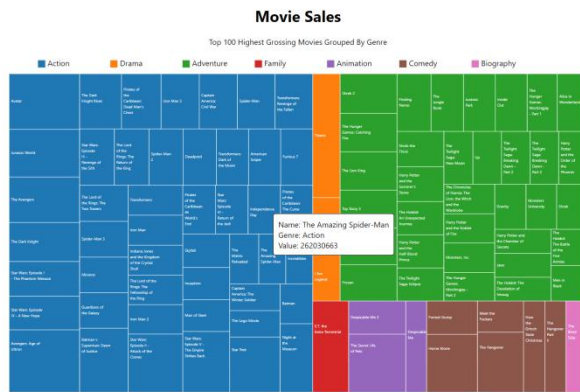| No.	Image	Link & description
1		https://davion-wong.github.io/PersonalCV/ My personal CV webpage, which might give a better presentation of my skills.

2		https://davion-wong.github.io/Finance_Dashboard/ My own work of a personal Finance Dashboard mock up. It is completely based on React.js framework, and contains substantial code for D3js charts.
3		https://davion-wong.github.io/E-Commerce My own work of an E-Commerce website mock up. It is completely based on React.JS framework, and contains lots of links and images.
4		https://davion-wong.github.io/A-Random-Quote-Machine/ An App that generates a new quote from some famous people each time a user clicks on the button. The user can also choose to tweet that quote directly with the tweet icon button.

5		https://davion-wong.github.io/A-Markdown-Previewer/ A markdown previewer which convert a user's MarkDown input into its desired output format.
6		https://davion-wong.github.io/A-Drum-Machine/ A drum machine that makes sound if a users clicks on the buttons or presses associated keys.
7		https://davion-wong.github.io/A-JavaScript-Calculator/ A calculator totally realized with JavaScript and React framework.
8		https://davion-wong.github.io/A-25plus5-Clock/ A clock that counts on session and break, realized in React framework.

9		https://davion-wong.github.io/A-Bar-Chart/ A bar chart that presents the Australian populations by age group
10		https://davion-wong.github.io/A-ScatterPlot-Graph/ A scatter plot graph to show the bicycle race results and their doping records
11		https://davion-wong.github.io/A-Heat-Map/ A heat map that shows the land surface temperatures recorded every month in the last two hundred years
12		https://davion-wong.github.io/A-Choropleth-Map/ A choropleth map that presents the percentage of citizens with bachelor degrees at different US states.

| 13 | | https://davion-wong.github.io/A-Treemap-Diagram/

A tree-map diagram that show the incomes of the top movies. |