

Zilong Wang

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PROFILE

I am a programming enthusiast who switched from engineering to computer science. At present, I focus more on web-development, computer graphics, and human centred design. My specialization is Human Centred Design and Software Development, and I intend to become a front-end developer or a multi-media specialist in the future.

I also taught myself Python language, SQL operation, and basic machine learning application. I'm excited about learning and working in the computer science field because I love programming in creative ways to solve problems.

EDUCATION & QUALIFICATIONS

Master of Computing, Australian National University

July 2021 to June 2023

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

- JavaScript development
- HTML/CSS skills
- Basic knowledge of React
- Python development
- Basic Java skills with OpenGL
- Basic Machine Learning
- SQL operation skills

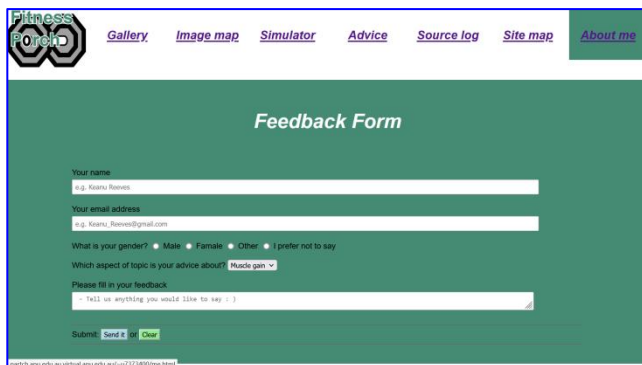


Figure1 - Web design course assignment screen shot

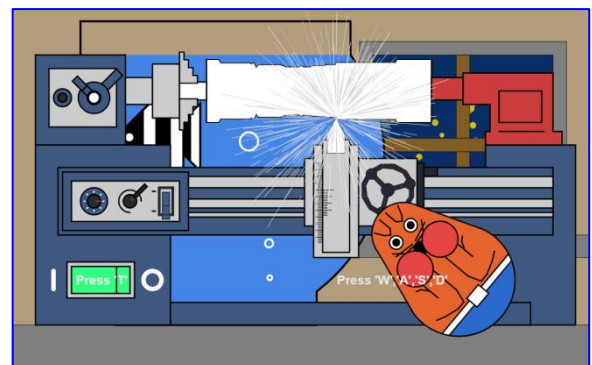


Figure 2 - Interactive JavaScript course assignment screen shot

WORK EXPERIENCE

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 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. CNPC's business covers oil and gas exploration and development, refining and chemical industry, pipeline transportation, oil and gas refining and chemical product sales, oil engineering and technical services, oil machinery processing and manufacturing, oil trade and other fields.

- 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)