JERRY HONG

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PROFESSIONAL SUMMARY

Aspiring *full-stack web developer* and *machine learning* and *systems infrastructure engineering* enthusiast. Combining an expressive, empathetic personality with a rigorous analytical mindset, I excel at approaching challenges with creativity and precision.

Actively involved in theoretical research and computational analysis within a university project focused on algorithm development for the game of poker, showcasing my ability to contribute to complex problem-solving. Eager to apply my skills in a practical setting, I am seeking internship opportunities that will allow me to further develop my expertise in technology and innovation, while making meaningful contributions to my team.

WORK HISTORY

Learnable Education - *Content Writer*
Sydney, NSW • 01/2023 - Current

- Worked in collaboration with tech team to refine a vast question database of 6000+ questions spanning multiple subjects.
- Fore-fronted the development, evaluation, and enhancement of 970+ questions and educational content repository, incorporating **MySQL** queries in workflow.
- Lead the design, testing, and implementation of sophisticated data collection and analysis systems using **JavaScript** for scrutinizing past exam papers, aimed at identifying and addressing gaps in the question repository.
- Innovated automated screenshot script in **Python** to enhance analytical scalability.
- Addressed customer feedback on a day-to-day basis.

PROJECTS

Built portfolio website using typescript, next.js, react, framer motion and tailwindCSS to host innovative, modern UI/UX, and uses Resend API to enable in-app emailing features.

Visit my website *jhong21.com* / GitHub to see all my other projects!

EDUCATION

University of New South Wales
Kensington, NSW • Expected in 2025

B. Computer Science + Engineering (Mechatronics)

- Dean's List, 2023
- WAM - *89*
- Club Executive - UNSW Society of Mechanical and Manufacturing Engineering (2024)
- Peer Mentor - Society of Computer Science and Engineering (2024)

Cranbrook School
Bellevue Hill, NSW • 2022

High School Certificate

- ATAR - *99.90*
- *Prefect*
- Research project "*Investigating Hall Effect on varying toroidal magnetic fields*" – received STANSW Award – Gold (2022)
- Recipient of Proxime Dux Award (2022)

SKILLS

- Data Structures and Algorithms
- TypeScript
- JavaScript
- Proficient in JIRA, Confluence
- React & Next.js
- CSS & Tailwind CSS
- HTML
- C
- Python
- SQL