Address: 4/13 South Pde Campsie, NSW
LinkedIn: linkedin.com/in/jacky-liao/
GitHub: https://github.com/JackyZLiao

JACKY ZHENG LIAO

Phone: 0433027575
Email: Jacky248199911@gmail.com

PENULTIMATE STUDENT AT THE UNIVERSITY OF NEW SOUTH WALES (UNSW)

A second-year student studying computer science at UNSW, with a passion and focus on leveraging my skills to solve real-world challenges. Proven academic excellence and a strong foundation in programming. Motivated to apply theoretical knowledge to practical challenges. A quick learner with a passion for staying current in evolving technologies.

SKILLS

Languages:	C | Java | JavaScript | Python | HTML | CSS | SQL | Typescript | Bash/Shell
Technologies:	Git | Linux | PostgreSQL | MySQL | MongoDB | RESTful APIs
Topics:	OOP | Data Structures and Algorithm | Database Management | Data service engineering | Software Lifecycle
Frameworks:	Flask | React | Node.js | Pandas | NumPy | Bootstrap

PERSONAL PROJECTS

Personal Portfolio Website | HTML, CSS, JavaScript
- Demonstrate proficiency in front-end development through the creation of a responsive and dynamic website which represents a medium through which I can showcase portfolio projects and professional achievements.
- Leveraged JavaScript to dynamically present content, adding a layer of interaction and enhancing user experience.

AI Calendar Assistant| HTML/CSS, Flask, RESTful APIs, React, Python, JSON
- As a team of 5, we collaboratively developed a functioning frontend and backend for a calendar assistant that uses artificial intelligence to help optimise time management.
- Responsible for the integration of JSON objects with the Google Calendar API to seamlessly automate the scheduling of events within the user's calendar, as well as prompt engineering to accurately extra data from the AI model.

Expense Tracker | Python, CSV
- Designed and developed a personalised expense tracker as a proactive solution for personal finance management.
- Implemented user-friendly features including the addition and removal of transactions, a monthly overview of expenses and category-based breakdown of expenses that provides insight into spending patterns.

Spellchecker | C
- Engineered a spellchecker application in C that efficiently loads a dictionary into a hash table using a hash function for quick and effective word lookups.
- Showcased expertise in the implementation and use of various data structures and algorithms, including the use of a hash table to dynamically store the words of the dictionary.
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EXTRACURRICULAR ACTIVITY

UniHack & Atlassian Hackathon 2024
- Engaged in a collaborative and dynamic environment, leveraging diverse skillsets to develop a fully functional application (AI Calendar Assistant)
- Learned to work in a team, gaining valuable insight into effective communication, collaboration and problem-solving skills while working alongside peers from varied backgrounds.
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EDUCATION

Bachelor of Science (Computer Science)	**Bachelor of Applied Science (Exercise and Sport Science)**
2023 – Current	2020 – 2022
University of New South Wales, Australia	University of Sydney, Australia
Current WAM: 73.7	WAM: 81.1

WORK EXPERIENCE

Johnson & Johnson, Macquarie Park | Loan Kit Technician | May 2023 – Oct 2023
- Played a part in the medical device supply chain, ensuring the accurate assembly and delivery of loan kits to healthcare professionals and facilities.
- Learned to collaborate effectively with cross-functional teams to meet tight deadlines and ensure timely delivery of crucial medical supplies.

Integrated Fitness, Campsie | Certified Personal trainer | Jul 2022 – Feb 2023
- Fostered strong client-trainer relationships to build the trust needed to help them achieve their personal fitness goals.
- Sharpened my coaching and communication skills with not only clients, but also frequent collaborations with other allied health professionals.