

# HENRY ZHANG

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## EDUCATION

**University of New South Wales;** Sydney, NSW

*March 2022 – Now*

- Bachelor of Advanced Computer Science (Honors) | Average WAM 94
- The Faculty of Engineering Dean's Award
- Achieved 99 in Data Structures and Algorithm and second place in Object-Oriented Design & Programming

**The King's School;** North Parramatta, NSW, ATAR: 99.35

*February 2018 – October 2021*

## SKILLS & INTERESTS

- **Programming Languages:** JavaScript, Python, Java, TypeScript, Rust, C, HTML\CSS
- **Source and Version Control:** Git, GitHub
- **Software:** React, Next.js, Tailwind
- **Databases:** PostgreSQL, MongoDB
- **Language:** Native Chinese Speaker

## PROFESSIONAL EXPERIENCE

**ABC Capital Group Ltd - Software Development Intern;** Sydney NSW

*January 2023 – March 2023*

- Played a key role in a cross-functional team to build an online platform for cryptocurrency exchange, handling front-end development using React and ensuring seamless integration with back-end APIs. Such website contributes 60% of the company's incoming revenue within six months of launch.
- Implemented Elementor for WordPress to launch a new website for cryptocurrency related consultations, resulting in an increase in online visibility and a 15% rise in customer base.
- Leveraged MongoDB to manage data related to cryptocurrency trading and customer information.

**The King's School - Academic Tutor;** North Parramatta, NSW

*March 2022 – December 2022*

- Provided personalized guidance and improved student understanding of course material, contributing to overall HSC grade improvement of 10% in 2022.

## PERSONAL PROJECTS

### Team Communication App

- Developed a robust communication platform (backend server) with TypeScript and Express server.
- Implemented data persistence with MongoDB for efficient storage and retrieval of user data, messages, and other relevant information.
- Successfully led and managed a team on GitLab, ensuring efficient collaboration and timely delivery of project milestones.
- Applied Jest for testing to ensure functionality.

### E-commerce Store and Management Dashboard

- Built a full-stack e-commerce store and management dashboard from scratch using modern tech stacks, including Next.js, React, and Prisma DB.
- Integrated API services such as Planet Scale for database hosting, Stripe for payment management, Clerk for user authentication, and Vercel to host both front-end and back-end servers.