# I'm Wilson Zhu

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Personal Portfolio Website: https://rrzk23.github.io/WilsonZhu-sPortfolio/
Working right: Australian 801 Permanent Resident

## EXPERIENCE

**Software and Web Developer Internship**                                                        June 2018 - July 2018
**NanJie New Energy pty**

Internship experience in a child electrical energy company that provides software service to airports in China. I learnt how to deploy the backend to web and object oriented programming as the firm used Java for their software.

**High School Mathematics tutor**                                                        May 2022 - September 2022
**Talent 100**

Teaching high school student math, planning the teaching content, marking their homework and also patiently communicating with the young student in class.

**High School Mathematics and Business tutor**

September 2022 - August 2023

**Uwin Education**

The role is similar to the tutor job in Talent 100

**Web developer**

August 2023 - January 2024

**Wise Stay**

Building and coding for the website in site builder for Wise Stay, a start up rent hosting company. It requires me to use JavaScript to connect with the airtable that stores the information of the properties. Moreover, develop different sorting options for users.
Website url: https://www.wisestay.com.au/

## SKILLS

- 1. Git
- 2. backend language : C, Java, Javascript, python.
- 3. Data structure: binary search tree, heap, hash table etc
- 4. ALgorithm: searching, sorting, binary search, dynamic programming etc.
- 4. frontend: React
- 5. Node.js
- 6. Coding and deploying web applications and servers.
- 7. MySQL, Python psycopg2, PostgreSql.

## EDUCATION

**Bachelor of Computer Science**                                                        February 2022 - Present
**University of New South Wales**

- Third Year computer science undergraduate student
- Average Wam of 80.4/100 in the related course of computer science
- Enrolled and working in UNSW ChallEng program connected health
  https://www.challeng.unsw.edu.au/challeng-projects/connected-health
- Taste of Research scholarship - Generative AI teaching assistant

I am currently studying in UNSW in the major of computer science. I obtained certain essential programming skills in the universities including C, JavaScript, Typescript, data structure, git, Json, HTML, CSS etc.

Joining the connection and industry program such as Innovator Pro developing brand new sustainability ideas for IBM.

Hackathon in USYD.

## AWARDS

International Student Award
Honour Roll Student
Web Application Security- Schools Cyber Security Challenges
94.95 ATAR in HSC
Enrollment of Taste of Research - Generative AI teaching assistant scholarship
ChallEng program - AI health assistant.

## PROJECT

**PriceAdvice**

**Tech stack: HTML, CSS, Javascript, Node.js, RapidAPI, Git, SQL, Google Map API, JSON**

Full stack project that keeps track of real estate pricing and renting information. It involves the use of Google Map API and GeoJSON to make each suburb in the map clickable so that it can send requests to the backend service. The backend can then request the RapidAPI for real estate information then respond with price or rent information.
https://github.com/Rrzk23/PriceAdvice

**AI automarking open question**

**Tech stack: Python, Git, JSON, OpenAI API**

Taste of Research project under the academic leader Yuchao Jiang. The project aims to use GPT4 to automatically mark the student's response given question and marking criteria to the GPT4.
https://github.com/Rrzk23/gptApiMark/tree/v1