

# Zenan (King) Wu

· FULL STACK WEB-DEV ENGINEER ·

Deepdene, 3103, Melbourne, Victoria, Australia

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## Education

### Monash University

Bachelor (Honors) of Mechanical Engineering

Melbourne, VIC, Australia

2022 - 2026

### Monash University

Bachelor of Finance

Melbourne, VIC, Australia

2022 - 2026

## Skills

Programming	JavaScript, Node.js, Python, C/C++, MATLAB
Web - Frontend	React, Vue, Next.js, Redux, HTML5, CSS, SCSS
Web - Backend	Django with Python
Languages	English, Chinese, Japanese (in progress)
CAD Software	SolidWorks

## Experience

### Mathematics Tutor

Ezy Math Tutoring Pty Ltd · Part-time

Melbourne

- **Adaptive Learning Techniques:** Employed adaptive teaching methods to cater to the individual learning styles and paces of each student, enhancing their understanding and retention of complex mathematical concepts.
- **Progress Monitoring:** Regularly assessed student progress through quizzes, assignments, and informal assessments to adjust teaching strategies and provide targeted support where needed.
- **Curriculum Development:** Collaborated with fellow tutors to develop and refine curriculum materials and resources, ensuring they align with current educational standards and best practices in mathematics education.
- **Technology Integration:** Integrated technology and digital resources into lessons, such as mathematical software and online platforms, to create a dynamic learning experience and further engage students.

### Basketball Coach

Melbourne Sports Institute · Part-time

Melbourne

Feb. 2022 - Present

- **Personalized Training Plans:** Designed and implemented customized training plans for each athlete, focusing on enhancing their individual strengths and addressing areas for improvement, resulting in significant skill enhancement and performance improvements.
- **Strategic Game Planning:** Analyzed opponents' gameplay to develop effective strategies and game plans.
- **Performance Analysis:** Utilized video analysis tools to critique and improve team strategies and individual performances, offering detailed feedback to athletes for their development.

# Extracurricular Activity

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## [Monash Engineering Students' Society \(MESS\)](#)

Melbourne

VOLUNTEERING

Sep. 2022 - PRESENT

### Industry Marketing Officer:

Communicate with the industry department to design and create a wide range of industry related events. Leverage a mix of digital and traditional marketing strategies to promote industry events and initiatives.

### Major Events Coordinator:

Oversee all logistical aspects of major events, including venue selection, vendor negotiations, and day-of execution, ensuring that each element is seamlessly integrated.