Zenan (King) **Wu**

· FULL STACK WEB-DEV ENGINEER ·

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# Education

**Monash University** *Melbourne, VIC, Australia*

Bachelor (Honors) of Mechanical Engineering *2022 - 2026*

**Monash University** *Melbourne, VIC, Australia*

Bachelor of Finance *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*Melbourne*

Ezy Math Tutoring Pty Ltd · Part-time

* **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*

Melbourne Sports Institute · Part-time

*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

[**Monash Engineering Students’ Society (MESS)**](https://www.mess.org.au/)*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.