

# Zhang, Wen-Yu

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## Summary

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- A pragmatic graduate student with extensive experience in C, Python, and Java, particularly in data processing and machine learning.
- Dissertations explored multiple deep learning models (e.g., CNN, Attention, Graph Networks, RNN).
- Passionate about software development, with a solid foundation in data science and AI.

## EDUCATION

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**Tamkang University**

B.S. in Computer Science

Tamsui, New Taipei, Taiwan

(September 2018–June 2022)

**National Taiwan Ocean University**

M.S. in Computer Science

Zhongzheng, Keelung, Taiwan

(September 2022 - June 2025)

## Skills

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**Languages:** C , Python, Java, SQL, PHP, L<sup>A</sup>T<sub>E</sub>X

**Software:** Visual Studio, Android Studio, Dev-C++, Anaconda Spyder, Jupyter

## Experience

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**National Taiwan Ocean University**

Database Teaching Assistant

Zhongzheng, Keelung, Taiwan

(September 2022 – June 2025)

- Served as a teaching assistant in the database and helped with quizzes and grading assignments.
- Led a project team to apply Keelung bus data to OpenStreetMap on both the front-end and back-end.

## References

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**Journal:** Deep learning architecture for predicting public transportation demand during the pandemic

**Paper:** The Study on the MRT Passenger Flow Prediction Based on Deep Learning