

# Bor Shiun Wang (王柏勳)

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## SUMMARY

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I am currently pursuing a PhD at the Institute of Computer Science and Engineering, National Yang Ming Chiao Tung University, with a research focus on explainable AI. My interests lie in exploring cutting-edge AI technologies and applying explainable AI in various domains. I'm also keen to study the various subfields of AI that are currently trending.

## EDUCATION

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**National Yang Ming Chiao Tung University** Hsinchu, Taiwan

*Ph.D. in Institute of Computer Science and Engineering* Feb. 2022 – Present

- Research Field: Interpretable AI

**National Chiao Tung University** Hsinchu, Taiwan

*Master in Institute of Intelligent Systems (GPA: 4.23 / 4.30)* Feb. 2020 - Jan. 2022

- Research Field: Computer Vision, Deep Learning
- Get the first prize in the “National Sun Yat-sen University 5G Experimental Field Innovation Application Competition”.

**National Taiwan Ocean University** Keelung, Taiwan

*Bachelor of Computer Science and Engineering (GPA:3.89 / 4.00)* Sep. 2016 – Jan. 2020

- Interested areas of study: Machine Learning, Computer Vision

## PUBLICATIONS

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- **Bor-Shiun Wang**, Chien-Yi Wang\*, Wei-Chen Chiu\*, “MCPNet: An Interpretable Classifier via Multi-Level Concept Prototypes”, In IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2024.
- **Bor-Shiun Wang\***, Ping-Yang Chen\*, Yi-Kuan Hsieh, Jun-Wei Hsieh, Ming-Ching Chang, JiaXin He, Shin-You Teng, HaoYuan Yue, Yu-Chee Tseng, “PRB-FPN+: Video Analytics for Enforcing Motorcycle Helmet Laws”, In IEEE Conference on Computer Vision and Pattern Recognition Workshop (CVPRW) on the AI City Challenge, 2023.
- **Bor-Shiun Wang**, Jun-Wei Hsieh, Yi-Kuan Hsieh, Ping-Yang Chen, “COFENet: Co-Feature Neural Network Model for Fine-Grained Image Classification”, In IEEE International Conference on Image Processing (ICIP), 2022.
- **Bor-Shiun Wang**, Jun-Wei Hsieh, Ping-Yang Chen, Ming-Ching Chang, Lipeng Ke, Siwei Lyu , “LDW-Pooling: Learnable Discrete Wavelet Pooling for Convolutional Networks”, The British Machine Vision Conference (BMVC), 2021.