

# YuSheng Lin

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in [yu-sheng-lin-971727214](https://www.linkedin.com/in/yu-sheng-lin-971727214) • [twitter.com/](https://twitter.com/ntubiolin) • [ntubiolin](https://www.github.com/ntubiolin)

Last updated on October 8, 2023

## Current Position

**Machine Learning Engineer**, *MediaTek*, Taipei, Taiwan 2021 – Present

## Education

**M.S. in Computer Science**, *National Taiwan University* (4.05/4.30) 2018 – 2020

Thesis: *xCos: An Explainable Cosine Metric for Face Verification Task*

Advisor: [Winston H. Hsu](#)

**B.S. in Electrical Engineering**, *National Taiwan University* (3.77/4.00) 2013 – 2018

## Previous Positions

**RD Engineer**, *TSMC*, Taipei, Taiwan Jun. 2021 – Oct. 2021

**Deep Learning Research Intern**, *thingnario Inc.*, Taipei, Taiwan (Perform solar power forecasting using RNN.) Mar. 2020 – Nov. 2020

## Honors & Awards

The Thirteenth TSC Thesis Award 2020

## Publications

 [Google Scholar: 0k+ citations and an h-index of 3]

Selected publications are highlighted.

2022.....

1. *GenISP: Neural ISP for Low-Light Machine Cognition*

Igor Morawski, Yu-An Chen, **Yu-Sheng Lin**, Shusil Dang, Kai He, and Winston H. Hsu  
CVPRW 2022

2021.....

2. *XCos: An Explainable Cosine Metric for Face Verification Task* [code]

**Yu-Sheng Lin**, Zhe-Yu Liu, Yu-An Chen, Yu-Siang Wang, Ya-Liang Chang, and Winston H. Hsu  
TOMM 2021

3. *NOD: Taking a Closer Look at Detection under Extreme Low-Light Conditions with Night Object Detection Dataset* [code]

Igor Morawski, Yu-An Chen, **Yu-Sheng Lin**, and Winston H. Hsu  
BMVC 2021

## Open Source Repositories

0k+ GitHub stars across all repositories.

1. [ntubiolin/xcos](https://github.com/ntubiolin/xcos) — ★83 — *xCos*

2021

## Teaching

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Introduction to computer (I2C), TA

F2018

## Skills

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Programming	C++, Java, JavaScript, Python
Frameworks	NumPy, Pandas, PyTorch, SciPy, Hydra
Toolbox	Linux, vim, git, tmux, zsh