

# KUAN-YU CHANG

## VERIFICATION IP DESIGN ENGINEER

Avery Design Systems, Inc.  
No. 76, Section 1, Zhongxiao E Rd  
Zhongzheng Dist., Taipei City, Taiwan

Phone: +886-2-2327-8766  
Email: kychang@avery-design.com.tw

## PROFESSIONAL EXPERIENCES

Verification IP Design Engineer  
PCI Express upper layer group  
Avery Design Systems, Inc., Taiwan  
Jul. 2021 - present



## EDUCATION

National Tsing Hua University, Hsinchu, Taiwan

Advisor: Prof. Chun-Yi Lee

- M.S. in Computer Science – Jun. 2021
  - Thesis Topic: *Mapping Nearest Neighbor Compliant Quantum Circuits onto a 2-D Hexagonal Architecture*
- B.S. in Interdisciplinary Program of Science – Jun. 2017
  - Double expertise in *Computer Science* and *Chemistry*



## PUBLICATIONS

- [1] Y.-M. Chen, K.-Y. Chang, C. Liu, T.-C. Hsiao, Z.-W. Hong, and C.-Y. Lee, "Toward synergism in macro action ensembles," 2020.
- [2] Y.-H. Chang, K.-Y. Chang, H. Kuo, and C.-Y. Lee, "Reusability and transferability of macro actions for reinforcement learning," *arXiv preprint arXiv:1908.01478*, 2019.

## TECHNICAL SKILLS

Programming Languages  
Software & Tools  
Operating Systems

C/C++, Bash, Perl, SystemVerilog  
Microsoft Office,  $\LaTeX$   
Ubuntu, CentOS, macOS

## REFERENCES

**Professor Chun-Yi Lee**  
Dept. Computer Science, National Tsing Hua Univ.  
Phone: +886-3-573-1308  
Email: cylee@cs.nthu.edu.tw

**Professor Chia-Chun Chou**  
Dept. Chemistry, National Tsing Hua Univ.  
Phone: +886-3-571-5131 ext 33389  
Email: ccchou@mx.nthu.edu.tw