Guojin Chen

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⚙ dekura • Last updated on August 10, 2022

Education

Ph.D. in Computer Science, *The Chinese University of Hong Kong*   2021 – Present

B.S. in Computer Science, *Huazhong University of Science and Technology*   2015 – 2019

Publications [Google Scholar; 5071+ citations, h-index: 29+]

Representative publications that I am a primary author on are highlighted.

2022

1. *Efficient Point Cloud Analysis Using Hilbert Curve.*
   Wanli Chen, Xinge Zhu, **Guojin Chen**, and Bei Yu
   ECCV 2022

2. *AdaOPC: A Self-Adaptive Mask Optimization Framework For Real Design Patterns*
   Wenqian Zhao, Xufeng Yao, Ziyang Yu, **Guojin Chen**, Yuzhe Ma, Bei Yu, and Martin Wong
   ICCAD 2022

2021

3. *DevelSet: Deep Neural Level Set for Instant Mask optimization*
   Guojin Chen, Wanli Chen, Yuzhe Ma, Haoyu Yang, and Bei Yu
   ICCAD 2021

4. *Learning Point Clouds in EDA.* (Invited Paper)
   Wei Li, **Guojin Chen**, Haoyu Yang, Ran Chen, and Bei Yu
   ISPD 2021

2020

5. *DAMO: deep agile mask optimization for full chip scale*
   Guojin Chen, Wanli Chen, Yuzhe Ma, Haoyu Yang, and Bei Yu
   ICCAD 2020

6. *A GPU-enabled Level Set Method for Mask Optimization*
   Ziyang Yu, **Guojin Chen**, Yuzhe Ma, and Bei Yu
   DATE 2020

Teaching

Python Computing (AIST 1110), TA	F2022
Mobile Computing (CSCI 3310), TA	S2022
Numerical Optimization (AIST 3010), TA	F2021

Skills

Programming	C, C++, CUDA, Python, CMake, Golang
Frameworks	JAX, NumPy, Pandas, PyTorch, SciPy
Toolbox	Linux, vim, evil, org, mu4e, xmonad, git, tmux, zsh