Wenhao Lin

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Education

Ph.D.   **The Chinese University of Hong Kong**, Computer Science and Engineering   Aug 2023 – Now
- Research field: Electronic Design Automation (EDA)
- Supervised by **Prof. Evangeline Young**

B.Eng.   **Harbin Institute of Technology**, Computer Science   Sep 2019 – Jun 2023
- GPA: 3.85/4.0 or 91/100

Publications

Potter: A Parallel Overlap-Tolerant Router for UltraScale FPGAs   ICCAD 2024

Xinshi Zang, *Wenhao Lin*, Jinwei Liu Evangeline F.Y. Young

10.1145/3676536.3676783 ↗

An Open-Source Fast Parallel Routing Approach for Commercial FPGAs   GLSVLSI 2024

Xinshi Zang, *Wenhao Lin*, Shiju Lin, Jinwei Liu Evangeline F.Y. Young

10.1145/3649476.3658714 ↗

iEnhancer-ELM: improve enhancer identification by extracting position-related multiscale contextual information based on enhancer language models   Bioinformatics advances 2023

Jiahao Li, Zhourun Wu, *Wenhao Lin*, Jiawei Luo, Jun Zhang, Qingcai Chen, Junjie Chen

10.1093/bioadv/vbad043 ↗

Working Experience

AMD, Internship   Hong Kong (Remote)
Add Versal support to the FPGA router in RapidWright (an open source Xilinx FPGA platform from AMD RAD)   Aug 2024 – Dec 2024

Teaching Experience

Teaching assistant in CUHK   Sep 2023 - Now
- CENG4120 (Computer-aided Design for Very Large Scale Integrated Circuits)
- CSCI1540 (Fundamental Computing with C++)
- CSCI1020 (Hands-on Introduction to C++)

Awards

2nd Place   Runtime-First FPGA Interchange Routing Contest @ FPGA'24   2024
3rd Place   Problem B of ICCAD'23 Contest (3D Placement with Macros)   2023

Skills

Programming: C/C++, Java, Python

Software: Vivado

Languages: Mandarin (Native), Cantonese (Native), English (IELTS 6.5)