WANG FANGZHOU

Room 913, Ho Sin Hang Engineering Building, CUHK

fzwang@cse.cuhk.edu.hk (+852) 62150340

EDUCATION

The Chinese University of Hong Kong *Aug 2019 - Current*
Ph.D. in Computer Science (Supervised by Prof. Evangeline F.Y. Young)

City University of Hong Kong *Aug 2015 - Jul 2019*
B.S. in Computer Science (First Class Honours), CGPA: 3.94/4.30 (Ranking 2 / 91)

Tsinghua University *Sep 2016 - Jan 2017*
Exchange student in Department of Computer Science and Technology

RESEARCH INTERESTS

◇ Very Large Scale Integration (VLSI) Computer-Aided Design (CAD)

◇ Algorithm Design

◇ Physical Design Automation

EXPERIENCES

Part-time Research Assistant, CityU *Sep 2018 - Apr 2019*
● Working on final year project under the supervision of Dr. XU Hong
Work on a deep learning based video super-resolution system. We improve the inference speed of existing solution by an order of magnitude with some novel techniques.

Full-time Research Assistant, CityU *June,2018 - Aug 2018*
● Working on machine learning system under the supervision of Dr. XU Hong
Work on scheduling mechanism between nodes in distributed machine learning to speed up the training process.

Teaching support for CS3334 Data Structure, CityU *Aug 2017 - Dec 2017*
● Being Teaching support for CS3334 Data Structures
Set up assignments relating to data structures and algorithms.

CityU ACM-ICPC team member, CityU *Aug 2016 - Dec 2018*
● Joining programming contests representing CityU and win several awards

Assistant Analyst Programmer, HKEx *Aug 2017 - May 2018*
● Data processing and report generation

AWARDS

◇ 1st Place Award in ICCAD 2019 Contest on "LEF/DEF Based Open-Source Global Router" *2019*

◇ Full Postgraduate Studentship of CUHK *2019 - Current*

◇ The Department of Computer Science Outstanding Student Scholarship *2019*

◇ The College of Engineering Dean's Scholarship (no more than 5 granted each year) *2019*

◇ HKSAR Government Scholarship Fund – *Talent Development Scholarship* *2019*

◇ Bronze Medal in the 2018 ACM-ICPC Asia Regional (Xuzhou) *2018*

◇ Silver Award in the 2018 ACM-ICPC China Multi-Provincial Collegiate Programming Contest *2018*

◇ Country Level Third Prize in 2017 TCS CodeVita Coding Competition *2018*

◇ CS Departmental Sponsorship *2016*

◇ CityU Full Tuition Scholarship   *2015 - 2019*

◇ Dean's List of College of Engineering of CityU   *2015 - 2019*

PUBLICATIONS

Conference Papers

[C1] Jinwei LIU, Chak-Wa Pui, **Fangzhou WANG**, Evangeline F. Y. Young, "CUGR: Detailed-Routability-Driven 3D Global Routing with Probabilistic Resource Model", ACM/IEEE Design Automation Conference (**DAC**), San Francisco, July 19-23, 2020.

LANGUAGES

◇ Chinese (Native speaker), English (Fluent), Cantonese (Fluent)

EXTRA-CIRRUCULAR

◇ Championship in the 12th Hong Kong School Harmonica Competition(Orchestra Category (Senior))   *2018*

◇ Second Place in the 6th Seoul International Harmonica Festival(Small Orchestra Adult Category)   *2018*

◇ Member of CityU Harmonica Team   *2016 - 2019*

◇ Volunteer of CYEP, CityU   *2016 - 2017*

◇ Member of Hall Tennis Team, CityU   *2016*