

Yueting Li

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Research Interest: I'm very interested in developing efficient VLSI circuits design automation tools as well as the circuit itself. I hope I could contribute to a more plastic, simple, reusable integrated circuit design flow and attract more people to this field. Optimization algorithms and machine learning are also my interest, especially those could be used in optimizing IC model/layout/verification processes.

Education

- ◇ **Stanford University**, Department of Electrical Engineering 2021 – 2023
Master student in Electrical Engineering
- ◇ **Huazhong University of Sci & Tech (HUST)**, Department of Electrical Engineering 2016 – 2020
B.E. in Electrical Engineering and Automation

Research Experience

- ◇ Research Assistant, Murmann Mixed-Signal Group, Stanford University 02/2022 – present
Advisor: Boris Murmann
 - Open-source analog layout automation using Skywater 130 technology and tools [\[Code\]](#).
 - Tape-out of the above layout [\[Code\]](#).
- ◇ Research Assistant, Computational Neuroimage Science Lab, Stanford University 09/2021 – 03/2022
Advisor: Kilian Pohl
 - Brain structural and functional image signal co-analysis using GCN
- ◇ Research Assistant, Systems Engineering, Chinese University of Hong Kong 11/2020 – 09/2021
Advisor: Prof. Anthony Man-Cho So
 - Solution of the Pari-mutuel derivative call auction model.
 - Large-scale telecommunication sparse signal recovery. [\[Code\]](#).
- ◇ Research Assistant, Silicon Nano Device Lab, National University of Singapore 10/2019 – 11/2019
Advisor: Prof. Aaron Thean
 - Developing Bluetooth low energy biomedical wearable sensor monitoring stress, glucose et al.

Teaching Experience

- TA of EE382, Stanford University 01/2022 – 03/2022
- TA of EE134, Stanford University 09/2021 – 12/2021
- Peer mentor of summer undergraduate research at Chinese University of Hong Kong 06/2021 – 08/2021
- TA of undergraduate summer AI course at the National University of Singapore 08/2019
- Volunteer Teaching in the rural senior high at Enshi, Hubei, China 08/2018

Publication

[\[Paper\]](#)[\[Code\]](#)[\[Video\]](#) “Joint Graph Convolution for Analyzing Brain Structural and Functional Connectome”
Yueting Li, Qingyue Wei, Eshan Adeli, Kilian Pohl, Qingyu Zhao
Medical Image Computing and Computer Assisted Intervention (MICCAI), 2022.

[\[Paper\]](#) “Deconvolutional Networks on Graph Data”
Jia Li, Jiajin Li, Yang Liu, Jianwei Yu, **Yueting Li**, Hong Cheng
Neural Information Processing Systems (NeurIPS), 2021.

Honors & Awards

MICCAI 2022 Travel Award (didn't accept due to travel inconvenience)	08/2022
Outstanding Undergraduate Award at HUST	06/2020
Ranked 1 st in the AI Final Project, National University of Singapore	01/2019
Scholarship for Academic Progress, school of Electrical Engineering, HUST	09/2018
Arts and Sports Scholarship, HUST	11/2017, 5/2017
Vice President, The Student Union of School of Electrical Engineering, HUST	09/2016 – 12/2018
Volunteer Service, Students' International Communication Association, HUST	09/2017 – 12/2017

Interests

painting, playing Ping Pong, the learning process, programming, boba milk tea