QUANKAI GAO

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EDUCATION

Carnegie Mellon University   Aug.2021-Jun.2021(expected)
Research assistant, Robotics Institute.

Wuhan University   Sept.2019-Present
Master of Engineering in Electronics

HUAWEI   Jul.2018-Sept.2018
Research Intern

University of Technology Sydney   Jul.2017-Aug-2017
The 2017 Vacation Program on Data Science and Big Data Analytics, Austalia

South China University of Technology (SCUT)   Sept.2015-Jun.2019
Bachelor of Engineering in Automation
GPA: 3.72/4 (6 semesters) **Ranking**: 12/196
Core Courses: Calculus, Linear Algebra, Probability & Statistics, C/C++, Analog Electronics, Digital Electronics, Automatic Control Theory, Signal Analysis & Processing, Computer Network & Communication, Image Processing and Machine Vision, Pattern Recognition.

AWARDS & HONORS

Scholarship for Excellent Freshman, Wuhan University	2019
First Prize, The Chinese Mathematics Competitions (CMC), Guangdong.	2018
Finalist Winner, Mathematical Contest in Modeling (MCM/ICM), COMAP.	2018
National Scholarship for Undergraduate Students, Ministry of Education, China.	2018
Scholarship of South China University of Technology	2017
Scholarship of South China University of Technology	2016

PUBLICATIONS

[1] **Quankai Gao**, Fudong Wang, Nan Xue, Jingang Yu, Guisong Xia. Deep Graph Matching under Quadratic Constraint. In proceedings of IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2021.[PDF]

[2] Jingang Yu, **Quankai Gao**. Graph Matching with Feedback, under review, 2019.[PDF]

RESEARCH INTERESTS

· Graph matching in computer vision
· Optimization
· Graph neural network

SKILLS

· **Programming Languages:** Python, Matlab, C++
· **Deep Learning Frameworks:** PyTorch
· **Software:** MS Office, Latex