

# QUANKAI GAO

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## EDUCATION

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<b>South China University of Technology (SCUT)</b> Bachelor of Engineering in Automation <b>GPA:</b> 3.72/4 (6 semesters) <b>Ranking:</b> 11/198 <b>Core Courses:</b> 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.	Sept.2015-Jun.2019
<b>Wuhan University</b> Master of Engineering in Electronics	Sept.2019-Present
<b>HUAWEI</b> Research Intern	Jul.2018-Sept.2018
<b>University of Technology Sydney</b> The 2017 Vacation Program on Data Science and Big Data Analytics, Australia	Jul.2017-Aug-2017

## AWARDS & HONORS

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Scholarship for Excellent Freshman, Wuhan University	2019
First prize of the Chinese Mathematics Competitions in Province, China.	2018
Finalist Winner for 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

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- [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.
- [2] Jingang Yu, **Quankai Gao**. Graph Matching with Feedback, under review, 2019. [\[PDF\]](#)

## RESEARCH INTERESTS

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

## SKILLS

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