

Gao LuYuan

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Education

Chongqing University of Technology <i>Master of Science in Computer Science</i> GPA 3.5/4	Sep.2021 studies began – Present <i>Chongqing, China</i>
Henan University <i>Bachelor degree in Network Engineering</i> GPA 3.3/4	Sep.2016 studies began – Jun.2020 studies ended <i>Kaifeng, Henan, China</i>

Research Experience

National Statistical Science Research Project <i>Chongqing University of Technology</i> <ul style="list-style-type: none">• Extraction of spatio-temporal data features using temporal and spatial convolution.• Using the RNN component to update the weight parameters of the GCN model.• Visualization of results	Sep.2021 started – Aut.2022 ended <i>Chongqing, China</i>
CQUT Graduate Research Innovation Fund Project <i>Chongqing University of Technology</i> <ul style="list-style-type: none">• Complex network key node mining problem definition, modeling.• Convert the critical node mining problem into a regression problem.• Investigate the application of graph convolutional neural networks in the mining of key nodes of complex networks.	Dec.2021 started – Mar.2023 ended <i>Chongqing, China</i>

Research Publications

Key Node Identification Method Integrating Information Transmission Probability and Path Diversity in Complex Network[J]. The Computer Journal, 2022.JCR Q3 IF=1.762

Key Nodes Identification in Complex Networks based on Sub-Network Feature Extraction[J]. Journal of King Saud University - Computer and Information Sciences, 2023.3.10(Submitted).JCR Q1 IF=9.006

Awards & Honors

2022 Scholarship for Graduate Studies <i>Chongqing University of Technology</i>	First Class 2022
Outstanding Graduate Student <i>Chongqing University of Technology</i>	Top 15% 2022-2023
Technology Advanced Innovation Individual <i>Chongqing University of Technology</i>	Top 10% 2022-2023
Henan University Scholarship <i>Henan University</i>	Top 10% 2018-2019-2020
Three good students in Henan Province <i>Henan Provincial Department of Education</i>	Top 1% 2019
China Student Computer Design Competition <i>China Student Computer Design Competition Organizing Committee</i>	National Third Prize 2019

Three good students of Henan University
Henan University

Top 10%
2018·2019·2020

Outstanding Officers of Henan University
Henan University

Top 10%
2018·2019

Specialized Skills

Programming Languages: Python (Skilled), Java (Average), C/C++(Average)

Deep Learning Framework: Pytorch(Skilled), PyG(Skilled),Tensorflow(Average)

Other: Tex(Skilled), Markdown(Skilled)

Other Interests

Athletics: Badminton

Read: Philosophy:<Relationship: Bridge to the Soul>,Psychology:<Counselling For Toads: A Psychological Adventure>,Novel:<The Razor's Edge>,Prose:<Twelve Letters to Youth>