

QINGQIU LI

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EDUCATION

Fudan University, Shanghai, China 2022 – Present

PhD student in Computer Science (CS), expected June 2027

Hohai University, Nanjing, Jiangsu, China 2018 – 2022

B.E. Computer Science (CS)

RESEARCH INTEREST

Medical Multimodal, e.g., Radiology Report Generation, Pretrained Vision-and-Language Model

Computer Vision, e.g., Semantic Segmentation

PUBLICATION

- [1] **Li, Q.**, Xu, J., Yuan, R., Zhang, Y., Feng, R. (2023). SCSGNET: spatial-correlated and shape-guided network for breast mass segmentation. *International Conference on Acoustics, Speech and Signal Processing (ICASSP)*
- [2] Hu, H., **Li, Q.**, Zhao, Y., Zhang, Y. (2020). Parallel deep learning algorithms with hybrid attention mechanism for image segmentation of lung tumors. *IEEE Transactions on Industrial Informatics (TII)*, 17(4), 2880-2889.
- [3] **Li, Q.**, Shao, M., Tang, G. A Construction Method of QoS Data Set in Real Mobile Edge Environment. (*Licensed patents*)

RESEARCH EXPERIENCE

National Undergraduate Training Program for Innovation and Entrepreneurship

- A Urban Street Cleanliness Evaluation System based on Mobile Edge Computing and Deep Learning.
- A Traffic Video Road Condition Monitoring System based on Mobile Edge Computing and Deep Learning under Vehicle Road Cooperation.
- Laboratory Equipment Dynamic Management System based on Multi Mobile Internet Platform.

COMPETITION

<i>Third prize</i> of China College Students Service Outsourcing Innovation Competition.	2022.6
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<i>Second Prize</i> of American Mathematical Contest in Modeling for College Students.	2021.4
<i>Second Prize</i> of Electronic Design Competition for College Students in Jiangsu Province.	2020.9
<i>Third Prize</i> of Jiangsu Higher Mathematics Competition.	2019.6

SKILL

Deep learning framework: Pytorch, PaddlePaddle

Programming language: Python, Matlab