

# JIANG MAIQI | RESUME



- › **Status:** M.Sc. Information Technology Student
- › **Fields:** Computer Vision, Graph Neural Network
- › **Stack:** Python, Matlab, Pytorch, transformers, PyG, DGL, OpenCV
- › **Tools:** Git, Docker, Pycharm, Linux, Terminal, MiniConda
- › **IELTS:** 6.5
- › **Relevant:** Image Classification and Segmentation, Attention, Multiple Instance Learning, Few-shot Learning, Heterogeneous GNN, Differential NAS

## EXPERIENCE

### Heterogeneous Network learning (The Hong Kong Polytechnic University) 2021 - now

- › Submitted a paper on AAAI as second author (the notification of final acceptance or rejection on Nov.), guided by Dr HUANG Xiao
- › Deep analysed on problems on Heterogeneous GNN and explored a new framework Redesigned the experiment setting and reproduced the results of SOTA models

### Semi-supervised Learning on WSI (Northeastern University, China) 2018 - 2021

- › Bachelor Thesis: A weakly supervised framework driven by eye-tracking in pathological diagnosis, guided by Dr CUI Xiaoyu, Chair of Biomedical Informatics Department
- › Improved the coding skill of deep learning. Learned prior algorithms of Computer Vision

### Mathematical Contest in Modeling (Northeastern University, China) 2018 - 2020

- › Won Honorable Mention twice on MCM/ICM
- › Opened my mind for solving problems and designing models. Built a good base on data processing, analysis and mining

## EDUCATION

### M.Sc. in Information Technology (The Hong Kong Polytechnic University) 2021 - Now

- › Learnt knowledge of different areas of deep learning, such as NLP, Big Data, CV and GNN
- › Enhanced my coding ability on code style, project structure, Agile, web and data processing

### Bachelor of Biomedical Engineering (Northeastern University, China) 2017 - 2021

- › Studied basis of computer science and electrical engineering, such as C/C++, data structure, DSP
- › Practiced coding ability on digital image processing, especially for medical image

Check out my personal web at - <https://themaigod.github.io/>

## EXTRAS

### Self Evaluation Now

- › Creativity and Practical Ability, such as for neural network design and implement
- › Hard-working and Self-motivated. Be interested in magic and challenges of deep learning

### Code Repository 2021 - Now

- › Baselines for HIN: <https://github.com/themaigod/HINBaselines>
- › WSI Process: <https://github.com/themaigod/WSIGeneralProcess>
- › WSI with Gaze Processing: <https://github.com/themaigod/WSI-with-Gaze-Processing>
- › WSI with Gaze Modeling: <https://github.com/themaigod/WSI-with-Gaze-Modeling>