

# Jiahang Li

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## Education

- 2022–Now **The Hong Kong Polytechnic University**, *Master of Philosophy*.  
supervisor: Prof. Jiannong Cao
- 2018–2022 **Beijing University of Posts and Telecommunications**, *Bachelor of Engineering*.  
GPA: 3.56/4.0, IELTS: 6.5

## Research interests

Deep Learning on Graphs and Natural Language Processing.

## Experience

- 2021–Now **Software Development Engineer Intern**, AWS Shanghai AI Lab.  
1. **DGL**: Implementing GNN models for DGL framework  
supervisor: Mr. Mufei Li  
2. **GNN Initialization**  
supervisor: Dr. Xiang Song and Dr. David Wipf  
publication: *On the Initialization of Graph Neural Networks*  
3. **Ensemble Graph Learning on Multi-tabular Data**  
supervisor: Mr. Quan Gan and Dr. David Wipf
- 2020–2021 **Research Assistant**, GAMMA Lab in BUPT.  
1. **OpenHGNN**: Implementing heterogeneous GNN models for OpenHGNN framework  
supervisor: Dr. Chuan Shi

## Publications

**Jiahang Li**, Yakun Song, Xiang Song, David Wipf. On the Initialization of Graph Neural Networks. **accepted by ICML 2023**

Zipei Yan, Dong Liang, Linchuan Xu, **Jiahang Li**, Zhengji Liu, Shuai Wang, Jiannong Cao, Chea-su Kee. Vision Loss Estimation using Fundus Photograph for High Myopia. **accepted by MICCAI 2023**

Xiang Song, Runjie Ma, **Jiahang Li**, Muhan Zhang, David Wipf. Network in Graph Neural Network. arXiv preprint arXiv:2111.11638.

## Service

Journal  
reviewer SIMODS

## Awards

- 2021 Second Prize of National English Competition for College Students
- 2021 Third Prize of National Mathematics Competition for College Students

2021 Honorable Mention of MCM/ICM

## Skills

Programming Languages	C/C++, Python, Java, Shellscript
Machine Learning	PyTorch, Tensorflow, DGL, PyG
Distributed Training	Ray, Horovod, PyTorch Distributed
Web Development	HTML, CSS, Javascript, Vue.js, React.js, Django