

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: 86.37/100, 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
- 2021–2022 **Contributor & Mentor**, *Google Summer of Codes*, OpenWorm.
1. **Topological Data Analysis on Cell Developmental Process**
supervisor: Dr. Bradly Alicea
- 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, Linux

Machine Learning PyTorch, Tensorflow, DGL, PyG

Distributed Training Ray, Horovod, PyTorch Distributed

Web Development HTML, CSS, Javascript, Vue.js, React.js, Django