Haotian Li

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Education

Beijing Normal University — Beijing, CN
Master of Science in System Science, advised by Prof. Bailu Si — *Sep 2020 – Jun 2023*
- **GPA** 3.8/4; **Courses learned**: Artificial Intelligence & Deep Learning, Artificial Intelligence, Seminar Neuroscience, Complex Network Analysis, Agent-Based Modeling, Numerical Computation, Game Theory, Data Analysis

Ludwig-Maximilians-Universität München — Munich, DE
Exchange Student in Computer Science — *Sep 2021 – Jul 2022*
- **Courses learned**: Deep Learning for NLP, Knowledge Discovering in Databases I, Deep Learning and Artificial Intelligence

Beijing University of Posts and Telecommunications — Beijing, CN
Bachelor of Engineering in Logistics Engineering with Intelligence — *Sep 2016 – Jul 2020*
- **GPA** 3.5/4; **Courses learned**: Calculus, Linear Algebras, Probability Theory, Operational Research, Database: Theory & Applications, Data Structures, Computer Networking, Data Mining & AI, Controlling Theory, Modeling & Simulation and etc.

Working Experience

Machine Learning Engineer Intern — Jun 2021 – Sep 2021
StoneWise AI Ltd., focusing on high-quality AI-driven novel drug discovery — *Beijing, CN*

Teaching Assistant — Feb 2021 – Jul 2021
Computational Neuroscience and Brain-Inspired Intelligence @BNU [Site] — *Beijing, CN*

Working Student Data Process & Analysis — Oct 2019 – Jan 2020
Big Data Services, BMW China — *Beijing, CN*
- **Highlights**: International communication skills & project management experience

Projects

Brain Decoding Using Transfer Learning and Graph Neural Networks — Present
- Research project, investigation on a novel TL- and GNN-based neural decoding method.

AlphaFold 2 Deep Dive — Internship at StoneWise
- Understand and share DeepMind's AlphaFold 2 system in depth & develop AlphaFold Notebook easy tool

ADME(T) Prediction — Internship at StoneWise
- Predict ADME(T) properties of molecules using GNN-based approaches

Collective Motion Control through Reinforcement Learning — 2019
- Research project, decentralized collective motion RL control framework & algorithm design

Effects of Partial Time Delay on Synchronization Transitions of Neuronal Networks — 2019
- Research project, numerical simulation of neuronal networks with presence of partial time delay

Awards

JD Charity Fund × BNU International Talent Development Scholarship — 2021
First-class Scholarship for First-year Graduate Student — 2020
YTO Enterprise Scholarship — 2018
First-class University Scholarship — 2017, 2019

Technical Skills

Machine Learning Toolkit: Python, SQL, PyTorch, Pytorch-geometric, Pytorch-lightning, PyCharm, Dataspell
Developer Tools: Git, Docker

Open Source Contribution

PytorchGeometricTutorial [GitHub] [Site]