

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, numerical simulation of neuronal networks with presence of partial time delay

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]