Ke Li (She/Her/Hers)

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EDUCATION

INSEAD   Sep 2023 - Jun 2028
PhD in Management - Decision Science   France
The Chinese University of Hong Kong, Shenzhen   Aug 2018 - Jul 2022
B.Eng in Computer Science   China
- 2022 Microsoft Research *Stars of Tomorrow* Internship Awardee;
- 2021 Google exploreCSR Research Awardee;

Publications

Google Scholar

1. Zhou, B., Li, K., Jiang, J., & Lu, Z. Learning from Visual Observation via Offline Pretrained State-to-Go Transformer. Accepted by ***NeurIPS**, 2023.*
2. Ding, Z., Luo, H., Li, K., Yue, J., Huang, T., & Lu, Z. CLIP4MC: An RL-Friendly Vision-Language Model for Minecraft. *arXiv preprint arXiv:2303.10571, 2023.*
3. Dong, J., Li, K., Li, S., & Wang, B. Combinatorial bandits under strategic manipulations. *In Proceedings of the Fifteenth ACM International Conference on Web Search and Data Mining (WSDM), 2022.*
4. Liu, Y., Li, K., Huang, Z., Li, B., Wang, G., & Cai, W. EduChain: a blockchain-based education data management system. *In Blockchain Technology and Application: Third CCF China Blockchain Conference, 2021.*

Working Experience (Fulltime & Intern)

Inspir.ai   Jun 2022 - Dec 2022
Reinforcement Learning Researcher
Large-scale intelligent agents in game AI
Microsoft Research Asia   Jan 2022 - Jun 2022
Research Intern
Application of model compression algorithms on Transformer/BERT
SenseTime Technology   Aug 2021 - Dec 2021
Reinforcement Learning Engineering Intern
Contributed to an open sourced project DI-engine, Decision Intelligence Engine
ByteDance Technology   Dec 2020 - May 2021
Machine Learning Algorithms Intern
Used XGBoost model to solve video classification problems

Contributions to Large Open-sourced Project

1. Contributed to DI-engine (1k stars, Decison Intelligent Engine) with **1600+** lines of code. This project is a generalized intelligence decision engine which supports most various deep reinforcement learning algorithms.
2. Contributed to [NNI](NNI) (12k+ stars, Neural Network Intelligence) with **100+** lines of code. This project automates feature engineering, neural architecture search, hyperparameter tuning, and model compression for deep learning.

Teaching Experience

2019-2020 Fall Term - Undergraduate Teaching Assistant for course MAT1010 Calculus I