Curriculum Vitae

PERSONAL INFORMATION

Tianyu Zhang
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MILA, Université de Montréal
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EDUCATION

09/2021–06/2026	**Ph.D. Student, Department of Computer Science and Operations Research** MILA, Université de Montréal, Canada **Advisor:** Prof. Dr. Yoshua Bengio
09/2020–06/2021	**M.Sc. in Computer Science, Department of Computer Science and Operations Research** MILA, Université de Montréal, Canada **Advisor:** Prof. Dr. Yoshua Bengio
09/2018–01/2020	**M.S. in Applied Mathematics, Courant Institute of Mathematical Sciences** New York University, USA **Advisor:** Prof. Dr. Petter Kolm
09/2014–07/2018	**B.S. in Mathematics and B.Econ. in Finance, Institute for Advanced Study** Wuhan University, China **Advisor:** Prof. Dr. Yingfeng Fang

PUBLICATIONS

Journal Publications

1. MAO, L., AND ZHANG, T. A minimal sufficient set of procedures in a bargaining model. *Economics Letters 152* (2017), 79–82

Conferences

1. SCHMIDT, V., LUCCIONI, A., TENG, M., ZHANG, T., REYNAUD, A., RAGHUPATHI, S., COSNE, G., JURAVER, A., VARDANYAN, V., HERNÁNDEZ-GARCÍA, A., AND BENGIO, Y. ClimateGAN: Raising climate change awareness by generating images of floods. In *International Conference on Learning Representations* (2022)

2. JAIN, M., BENGIO, E., HERNANDEZ-GARCIA, A., RECTOR-BROOKS, J., DOSSOU, B. F. P., EKBOTE, C. A., FU, J., ZHANG, T., KILGOUR, M., ZHANG, D., SIMINE, L., DAS, P., AND BENGIO, Y. Biological sequence design with GFlowNets. In *Proceedings of the 39th International Conference on Machine Learning* (17–23 Jul 2022), K. Chaudhuri, S. Jegelka, L. Song, C. Szepesvari, G. Niu, and S. Sabato, Eds., vol. 162 of *Proceedings of Machine Learning Research*, PMLR, pp. 9786–9801

Extended Abstract / Short Papers

1. MAI, V., ZHANG, T., AND LESAGE-LANDRY, A. Multi-agent reinforcement learning for renewable integration in the electric power grid. In *NeurIPS 2021 Workshop on Tackling Climate Change with Machine Learning* (2021)

Technical Report

1. BENGIO, Y., GUPTA, P., RADOVIC, D., SCHOLL, M., WILLIAMS, A., DE WITT, C. S., ZHANG, T., AND ZHANG, Y. (private)-retroactive carbon pricing [(p)recap]: A market-based approach for climate finance and risk assessment, 2022

COMMUNITY SERVICES

Organizing Commitee

1. **[AI4CC'22]**: AI for Global Climate Cooperation 2022. Role: Main Organizer

LANGUAGES

Mandarin (native)

English (GRE: 330/340)

Prof. Dr. Yoshua Bengio (M.Sc. & Ph.D. advisor)

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Position: Professor at University of Université de Montréal

Institute: Department of Computer Science and Operations Research

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[CV compiled on July 20, 2022 for the website https://ai.t-zhang.com/]

Montréal - Canada, July 20, 2022