Conferences, Peer-Reviewed Workshops and Talks

- **Labossiere, L.**, Yaakoubi, Y. & Dimitrakopoulos, R. (Dec. 2024). Decentralized Smart Mining Complexes: Balancing Short-Term Efficiency with Long-Term Targets Using Multi-Agent Reinforcement Learning. COSMO Travelling Technical Day. Perth, Australia.

- **Labossiere, L.**, Yaakoubi, Y. & Dimitrakopoulos, R. (Sept. 2024). Decentralized Smart Mining Complexes: Balancing Short-Term Efficiency with Long-Term Targets Using Multi-Agent Reinforcement Learning. Montréal AI Symposium. Montréal, Canada.

- **Labossiere, L.**, Yaakoubi, Y. & Dimitrakopoulos, R. (June 2024). Decentralized Smart Mining Complexes: Balancing Short-Term Efficiency with Long-Term Targets Using Multi-Agent Reinforcement Learning. COSMO Technical Day. Montréal, Canada.

Pre-Prints

- **Labossiere, L.** & Al Handawi, K. (Under Review) Jointly Training Task-Specific Encoders and Downstream Models on Heterogeneous Multiplex Graphs. ICLR.

- **Labossiere, L.**, Yaakoubi, Y. & Dimitrakopoulos, R. (Pre-Print) A Decentralized Approach to Stochastic Mine Planning Optimization.

Awards

INFORMS: OR/MS Tomorrow Mini-Poster Competition - $250 (2024).
McGill University: Stochastic Simulation and Optimization Undergraduate Award - $3000 (2024).
Huawei: McHacks 9 Custom Challenge: Best Pandemic Life-Related Hack- $150 (2022).
Suncor Energy Inc.: Emerging Leaders in Engineering Award - $1056.90 (2021).
University of Victoria: Indigenous Engineering and Computer Science Entrance Scholarship - $4500 (2020).
University of Victoria: Entrance Scholarship - $3000 (2020).

Technical Skills

Languages: Python, Java, C/C++, SQL, JavaScript, HTML/CSS, R, OCaml
Frameworks: React, Node.js, Apache Hadoop, Flask, JUnit, PyTest, FastAPI
Developer Tools: Git, Docker, AWS, Vercel, Unix, VS Code, PyCharm, IntelliJ, Google Suite, Microsoft Office
Libraries: PyTorch, Pandas, NumPy, Matplotlib, Scikit-Learn, OpenCV, OpenAI Gym

Reviewing Experience

Workshops: Montréal AI Symposium (2024)