Shuwei Wang

MSc. student, Artificial Intelligence

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Education

22–on **MSc. in Computing Science**, *University of Alberta*, Edmonton, Canada, GPA: 3.8/4.0

18–22 **B.Sc. in Computing Science**, *University of Alberta*, Edmonton, Canada, GPA: 3.7/4.0

Awards

21 Dean's Honor Roll

Experience

22–on **Teaching Assistant**, Department of Computing Science, University of Alberta

21–22 **Research Assistant**, *Vadim Bulitko*, Department of Computing Science, University of Alberta

Research Interest

My reseach interest lies in artificial intelligence with a particular attention to: program synthesis, combinatorial search, heuristic search, machine learning and multi-agent systems.

Programming Skills

Languages: C++/C, Python, Java, MATLAB

Software: LaTeX, PyTorch, JAX, Tensorflow, MATLAB coder

Publications

2023 **Shuwei Wang** and Vadim Bulitko and Taoan Huang and Sven Koenig and Roni Stern. *Synthesizing Priority Planning Formulae for Multi-Agent Pathfinding*. In proceedings of the AAAI Conference on Artificial Intelligence and Interactive Digital Entertainment (AIIDE), pages 9.

2022 Vadim Bulitko and **Shuwei Wang** and Justin Stevens and Levi HS Lelis. *Portability and Explainability of Synthesized Formula-based Heuristics*. In proceedings of the Symposium on Combinatorial Search (SoCS), pages 9.

Reviewing

23 **PC member**, Plan, Activity, and Intent Recognition Workshop (PAIR)