

DYLAN ASHLEY

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EDUCATION

- Ph.D. in Informatics** Jan. 2021 – Present
Università della Svizzera italiana (Dalle Molle Institute for Artificial Intelligence Research)
Supervisor: Jürgen Schmidhuber
- M.Sc. in Computing Science** Sep. 2017 – Nov. 2020
University of Alberta (Alberta Machine Intelligence Institute)
Supervisor: Richard S. Sutton (**2024 Turing Award Recipient**)
- B.Sc. Honors in Computing Science** Sep. 2013 – Jun. 2017
University of Alberta

WORK EXPERIENCE

- Research Scientist Intern**, Meta Platforms, Inc. Jun. 2026 – Nov. 2026
- Research Scientist Intern**, Meta Platforms, Inc. May 2025 – Nov. 2025
- Visiting Researcher**, King Abdullah University of Science and Technology Jan. 2023 – Present
- Chief Technology Officer**, Perseverance Analytics Ltd. May 2021 – Present
- Doctoral Research Assistant**, Università della Svizzera italiana Jan. 2021 – Present
- Vice-President Academic**, Graduate Students' Association May 2019 – Apr. 2020
- Graduate Research Assistant**, University of Alberta Sep. 2017 – Aug. 2020
- Undergraduate Summer Research Assistant**, University of Alberta May 2015 – Aug. 2017

SELECTED PUBLICATIONS

A selection of recent works taken from twelve (12) authored peer-reviewed publications and eleven (11) additional authored preprints and technical reports:

- Dai, Y.* , Wang, Y.* , **Ashley, D. R.**, et al. (2026). Efficient Morphology-Control Co-Design via Stackelberg Proximal Policy Optimization. *Proceedings of the 14th International Conference on Learning Representations*.
- **Ashley, D. R.**, et al. (2026). RPRA: Predicting an LLM-Judge for Efficient but Performant Inference. *Under review*.
- **Ashley, D. R.***, Przepióra, J.* , Chen, Y.* , et al. (2026). RACAS: Controlling Diverse Robots With a Single Agentic System. *Under review*.
- Zhuge, M., Zhao, C., **Ashley, D. R.**, et al. (2025). Agent-as-a-Judge: Evaluate Agents with Agents. *Proceedings of the 42nd International Conference on Machine Learning*.

- Wang, Y., Wu, Q., **Ashley, D. R.**, et al. (2025). Scaling Value Iteration Networks to 5000 Layers for Extreme Long-Term Planning. *Proceedings of the 42nd International Conference on Machine Learning*.
- Alhakami, M. *, **Ashley, D. R.** *, Dunham, J. *, et al. (2025). Towards an Extremely Robust Baby Robot With Rich Interaction Ability for Advanced Machine Learning Algorithms. *Proceedings of the 2025 IEEE/RSJ International Conference on Intelligent Robots and Systems*. **Oral Presentation**.
- **Ashley, D. R.** *, Herrmann, V. *, et al. (2025). On narrative information and the distillation of stories. *IEEE Transactions on Pattern Analysis and Machine Intelligence* (**IF 20.8**).
- Zhuge, M. *, Liu, H. *, Faccio, F. *, **Ashley, D. R.** *, et al. (2025). Mindstorms in natural language-based societies of mind. *Computational Visual Media* (**IF 17.3**).

* equal contribution

SELECTED AWARDS

Best-Paper Award , NeurIPS 2023 Ro-FoMo Workshop	2023
Rising Star in AI Award , King Abdullah University of Science and Technology	2022
Queen Elizabeth II Graduate Scholarship , University of Alberta (C\$10,800)	2018
CGS-M , Natural Science and Engineering Research Council of Canada (C\$17,500)	2017
Walter H. Johns Graduate Fellowship , University of Alberta (C\$5,800)	2017

RECENT SERVICE (2026 – Present)

Reviewer , Conference on Language Modeling	2026
Reviewer , International Conference on Intelligent Robots and Systems	2026
Reviewer , International Conference on Machine Learning	2026
Reviewer , ICLR Workshop on Multi-Agent Learning and Generative AI	2026
Reviewer , ICLR Workshop on Agentic AI in the Wild: Reliable Autonomy	2026
Reviewer , International Conference on Learning Representations	2026
Reviewer , AAAI Conference on Artificial Intelligence	2026

SUPERVISING

Jacopo di Ventura , M.Sc. Student	2023 – 2024
James Jewitt , High School Intern	2015

NATURAL LANGUAGES

English: Native **French:** Moderate **Italian:** Some Knowledge **Mandarin:** Some Knowledge

REFERENCES AVAILABLE ON REQUEST