

PokéAgent Challenge

NeurIPS 2025



 Join us on Discord

A NeurIPS 2025 competition advancing AI decision-making through Pokémon. Featuring competitive battling and RPG speedrunning tracks to unify research in reinforcement learning and large language models.

⌚ COMPETITION ENDS IN

37

DAYS

17

HOURS

58

MINUTES

38

SECONDS

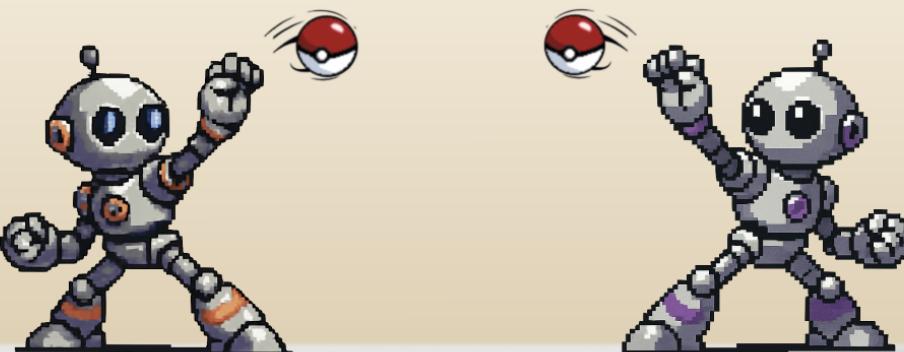
Final submissions close November 15th, 2025

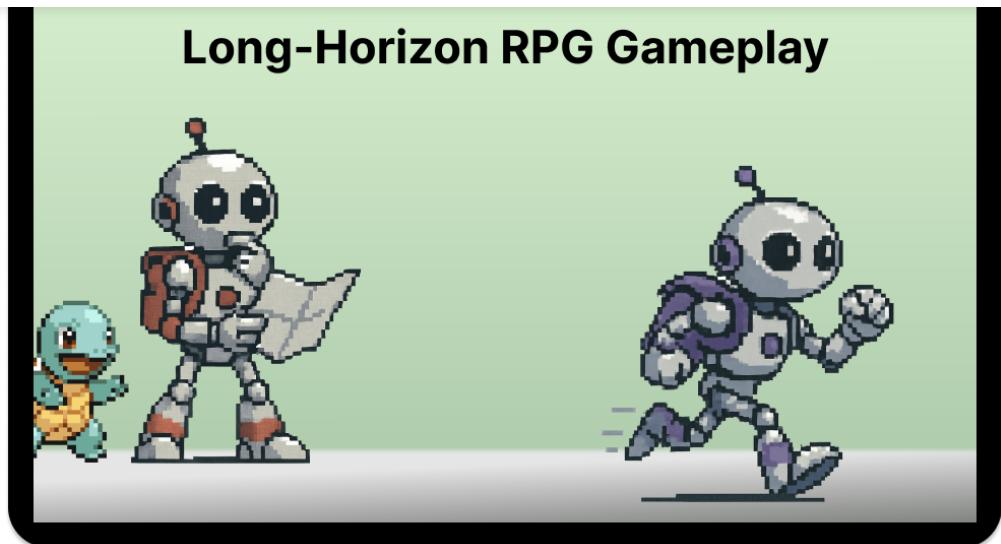
Competition Tracks

Click to explore detailed information, submission guidelines, starter code, and datasets for each track.

Track 1: Battling

Competitive Pokémon Battle Bots





About the Competition

intelligence research, offering two complementary tracks that address fundamental challenges in decision-making.

This competition addresses critical frontiers in AI research at the intersection of reinforcement learning, game theory, planning, and language models. It creates a standardized benchmark for opponent modeling under partial observability and long-horizon reasoning—two capabilities essential for advancing AI beyond controlled environments.

partial observability.

- **Long-Horizon Planning:** Track 2 challenges agents to maintain coherent planning across thousands of timesteps.
- **Strategic Adaptation:** Both tracks require agents to generalize across varied scenarios and adapt to novel situations.
- **Knowledge Integration:** Opportunity to develop methods that augment decision-making with existing reference materials.

Ready to Get Started?

Join the PokéAgent Challenge Discord server to register and connect with other participants!

 [Join Our Discord Server](#)

Compute Credit Application: Application closed and credits awarded. All compute credits have been distributed to approved teams.

Multiple prize categories ensure diverse contributions are recognized and rewarded



Highest Ranking Teams

Performance-based prizes for teams placing high on the leaderboard in each track. Best agents in Track 1 tournament brackets and Track 2 speedrun rankings will receive prizes and recognition.



Research Impact Awards

Method-specific prizes recognizing innovative approaches across all AI paradigms. Categories may include: Best LLM-based method, Best RL method, or other breakthrough techniques.



NeurIPS 2025 Presentation

Workshop invitations for winning teams to be highlighted at NeurIPS 2025. Selected teams will also be invited as co-authors on the official competition report publication.

\$15,000+ Total Prize Pool

Distributed across multiple categories to reward both excellence and innovation

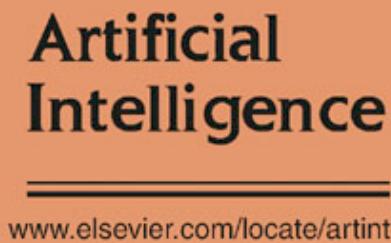
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We're actively seeking additional sponsors to support this groundbreaking AI competition. Sponsorship opportunities include prize pool contributions, infrastructure support, and more.

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Cite This Work

If you use this competition in your research, please cite our paper:

[Read the Full Proposal](#)

```
@inproceedings{karten2025pokeagent,  
    title      = {The PokeAgent Challenge: Competitive and Long-Cor-  
    author     = {Karten, Seth and Grigsby, Jake and Milani, Stephan}}
```

 Copy Citation

PokéAgent Challenge

A NeurIPS 2025 competition advancing AI decision-making through the complex environments of Pokémon battles and gameplay.



Quick Links

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- [FAQ](#)

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For questions or support, please contact:
Email: pokeagentchallenge@gmail.com
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