Alireza Bakhtiari

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Residence: Seattle, WA, USA

EDUCATION

University of Washington — Seattle, USA
Ph.D. in Computer Science - Advised by Kevin Jamieson & Lillian Ratliff — 2025 –present

University of Alberta — Edmonton, Canada
M.Sc. in Computing Science, GPA: 3.90/4 - Advised by Csaba Szepesvári — 2021–2025

Amirkabir University of Technology — Tehran, Iran
B.Sc. in Computer Engineering, GPA: 17.83/20 — 2016–2021

PUBLICATIONS

Conference Papers

1. **Alireza Bakhtiari**, Alex Ayoub, David Janz, Samuel Robertson, and Csaba Szepesvári, "Eluder dimension: localise it!", *Annual Conference on Neural Information Processing Systems (Spotlight-**NeurIPS**)*, 2025.

2. **Alireza Bakhtiari**, Tor Lattimore, and Csaba Szepesvari, "Thompson Sampling for Bandit Convex Optimization", *Annual Conference on Learning Theory (**COLT**)*, 2025.

3. Alex Ayoub, David Szepesvári, **Alireza Bakhtiari**, Csaba Szepesvári, Dale Schuurmans "Rectifying Regression in Reinforcement Learning", *Reinforcement Learning Conference (**RLC**)*, 2025.

4. Johannes Kirschner, **Alireza Bakhtiari**, Kushagra Chandak, Volodymyr Tkachuk and Csaba Szepesvári, "Regret Minimization via Saddle Point Optimization", *Annual Conference on Neural Information Processing Systems (**NeurIPS**)*, 2023.

5. Volodymyr Tkachuk*, **Alireza Bakhtiari***, Matej Jusup, Ilija Bogunovic, and Csaba Szepesvári, "Efficient Planning in Combinatorial Action Spaces with Applications to Cooperative Multi-Agent Reinforcement Learning", *International Conference on Artificial Intelligence and Statistics (**AISTATS**)*, 2023.

Preprints

1. Shuai Liu, **Alireza Bakhtiari**, Alex Ayoub, Botao Hao, Tor Lattimore, Csaba Szepesvári "Efficient Simple Regret Algorithms for Stochastic Contextual Bandits",

* Equal contribution

WORK EXPERIENCE

Software Engineer at **Evience** — Jul/2020–Jul/2021
Developed tools and models for systematic trading in cryptocurrency markets. — Tehran Iran

Software Engineer at **Sokan** — Jul/2018–Jul/2020
Devolped data intense backend and networking services in C++ and Python. — Tehran, Iran

HONOURS AND AWARDS

1. Nominated for the best thesis award at University of Alberta. — 2025

2. Ranked 459 in the Nationwide University Entrance Exam (Approximately 163000 applicants). — 2015

3. Ranked 43 in Iran's National Olympiad in Informatics (Approximately 5500 applicants). — 2013

SKILLS

- **Programming Language and Tools:** C++/Java/Python, Git, Vim