

# Parham Mohammad Panahi

[panahiparham.github.io](https://panahiparham.github.io) • [Github](#) • [LinkedIn](#) • [Google Scholar](#)  
[parham1@ualberta.ca](mailto:parham1@ualberta.ca) • 780-937-1410 • Edmonton, Canada

## Education

2022 – Present     **University of Alberta** – Edmonton, Canada  
M.Sc. in Computing Science (GPA: 4.0/4.0)  
Advisor: [Adam White](#)  
Research Topic: Reinforcement Learning

2016 – 2021     **Azad University** – Tehran, Iran  
B.Sc. in Computer Science (GPA: 3.93/4.0)

## Publications

May 2024     **K-percent Evaluation for Lifelong RL**  
G. Mesbahi, **P. M. Panahi**, O. Mastikhina, M. White, A. White. (*Under Review*)

May 2024     **Investigating the Interplay of Prioritized Replay and Generalization**  
**P. M. Panahi**, A. Patterson, M. White, A. White. (*RLC 2024*)

April 2024     **A New View on Planning in Online Reinforcement Learning**  
\*K. Roice, \***P. M. Panahi**, S. Jordan, A. White, M. White (*PRL workshop ICAPS 2024*)

Jan 2024     **Goal-Space Planning With Subgoal Models**  
\*C. Lo, \*K. Roice, \***P. M. Panahi**, S. Jordan, A. White, G. Mihucz, F. Aminmansour, M. White (*Under Review JMLR*)

## Experience

Sept 2022 – Present     **Graduate Student** University of Alberta  
My research goal is to create sample efficient reinforcement learning methods that can adapt to a changing environment.

Sept 2023 – Present     **Part-time Contractor** Alberta Machine Intelligence Institute (amii)  
Contributed through 100 hours+ of work-integrated learning and collaboration with [Adam White](#) and [Alona Fyshe](#) and amii's training team to create [AI Everywhere](#), an introductory AI course for all students at University of Alberta.

- Sept 2022 – Apr 2023    **Teaching Assistant** University of Alberta  
Course: CMPUT 175 - Introduction to the Foundations of Computation II  
Conducted Labs to assist and test students, Marked Labs and Assignments, helped students during Office Hours.
- Dec 2020 – Sep 2021    **Research Assistant** Azad University  
Conducted research on Speech Recognition for Farsi language.
- Sept 2018 – Apr 2019    **Teaching Assistant** Azad University  
Course: Introductory and Advanced Programming  
Conducted Labs and gave supplementary lectures on Programming Paradigms.

### Academic Services

- 2024    Reviewer for RLC 2024

### Honors and Scholarships

- 2023    University of Alberta FGSR Graduate Travel Award 2023 - 2024
- 2023    Admitted to the DLRL2023 Summer School Organized by CIFAR/MILA
- 2022    University of Alberta Graduate Recruitment Scholarship FALL 2022/23
- 2021    Rank 25 in National Mathematical Olympiad for University Students in Iran

### Other Skills

**Programming Languages:** Python, Julia, C++, and many Machine Learning and Scientific Computing Packages, including Jax, Torch and TensorFlow.

**Useful Tools:** Linux, HPC, Git, Latex