# Parham M. Panahi

panahiparham.github.io · Github · LinkedIn · Google Scholar
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.

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| 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

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| 2024 | Reviewer for RLC 2024 |

## Honors and Scholarships

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| 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