



Jia Lin Hau

Reinforcement Learning Researcher,
Data Analyst, Programmer, Actuarial

About Me

I am currently a Ph.D. candidate in Computer Science at University of New Hampshire. I am highly interested in Reinforcement Learning, Actuarial Science, Deep Learning, A.I, Machine Learning and Risk Analysis.

Expertise Skill

- Program: Excel, Tableau, Python, R, MATLAB, Julia, JMP, BMC, C, C++, SQL
- Multilingual: English, Mandarin, Cantonese, and Malay.

Achievement

Certification:

- 2018 Actuarial Science Exam P: Probability
- 2018 Bloomberg Market Concepts (BMC)

Competition:

- UNH 2017 Fall stock pitch (Semi-Final)
- UNH 2019 Holloway prize (Semi-Final)

Extracurricular Activity:

- 2016 Manchester City Marathon (1st Coed)
- 2015 Seacoast Half Marathon (4th U20M)
- 2013 PADI Advance Open Water Diver
- 2019 NAUI Open Water Scuba Diver

Education

- 2019-Current
University of New Hampshire (UNH)
M.S. / Ph.D. In Computer Science
 - GPA: 4.00/4.00
 - Member of RL-square Lab
 - Advisor: Marek Petrik
- 2015-2018
University of New Hampshire (UNH)
B.S. In Applied Mathematics: Economics
 - GPA 3.89/4.00
 - Member of Pi Mu Epsilon Society

Publication

- RASR: Risk-Averse Soft-Robust MDPs with EVaR and Entropic Risk.
Jia Lin Hau, Marek Petrik, Mohammad Ghavamzadeh, Reazul Russel, Arxiv 2022
- Robust pest management using Reinforcement Learning.
Talha Siddique, Jia Lin Hau, Shadi Atallah, Marek Petrik, RLDM 2019 Poster

Teaching / Leadership

- Teaching Assistant (UNH) 2019 - 2020
 - CS 520 - Assembly language programming and machine organization
 - CS410P and CS 410C - Introduction to scientific programming in Python and C
 - CS 725 - Computer Networks
- Teaching Assistant (Idea Math) 2018 - 2019
- Tutor (UNH Math Center) 2017 - 2018
- Vice President 2017 - 2018
(UNH International Student Organization)
- Resident Assistant (UNH) 2016 - 2017

Contact Me

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CV: <https://monkiedein.github.io/CV/>

 [linkedin.com/in/jia-lin-hau-b61730129/](https://www.linkedin.com/in/jia-lin-hau-b61730129/)

 gitlab.com/MonkieDein
github.com/MonkieDein