Javier Moreno

TENURE TRACK ASSISTANT PROFESSOR

Pittsburgh, PA (412) 555-0158 javier.moreno@email.com linkedin.com/in/javiermoreno-ml

SUMMARY

Tenure track assistant professor of computer science with 3 years on faculty and 14 peer-reviewed papers in machine learning and robot learning. Runs a funded lab, teaches deep learning courses with strong teaching effectiveness ratings, and follows a teaching philosophy built on weekly coding labs and open office hours.

SKILLS

Machine Learning • Deep Learning • Reinforcement Learning • Python • PyTorch • Grant Writing
Course Design • Student Mentoring • Teaching Effectiveness

EXPERIENCE

Tenure Track Assistant Professor 08/2023 - Present

Three Rivers University, Department of Computer Science Pittsburgh, PA

Research and teaching appointment in the machine learning group.

- Lead a **7-person** lab of Ph.D. and undergraduate students on sample-efficient reinforcement learning for robots.
- Won an NSF CRII grant of $175K and a $90K industry gift, funding 2 Ph.D. students through 2027.
- Teach graduate deep learning and undergraduate machine learning to 180 students a year, rated 4.7/5 for teaching effectiveness.
- Designed a PyTorch course project sequence now used in 3 sections and serve on the graduate admissions committee.

Postdoctoral Researcher 07/2021 - 07/2023

Pacifica Institute of Technology Berkeley, CA

Postdoctoral fellowship in a robot learning lab.

- Developed offline reinforcement learning methods in Python and PyTorch, published in **5** conference papers.
- Co-mentored 4 graduate students and reviewed 20+ papers a year for machine learning conferences.
- Guest-lectured 6 sessions of a graduate robot learning course and wrote its reinforcement learning assignments.

EDUCATION

Doctor of Philosophy (Ph.D.) 05/2021

University of Illinois Urbana-Champaign Urbana, IL

Computer Science

PUBLICATIONS

Uncertainty-aware offline reinforcement learning for contact-rich manipulation 12/2024

Moreno J, Adeyemi T, Kwan R. Conference on Neural Information Processing Systems (NeurIPS).

Learning reusable skills from unlabeled robot play data 07/2022

Moreno J, Sato H, Vance E. International Conference on Machine Learning (ICML).