Padmanaba Srinivasan

padmanabasrinivasan@gmail.com
padmanaba-srinivasan
padmanabasrinivasan.github.io

Experience

Mar. 2025 – Present	**Research Scientist @ Meta** Applied ML Research
Jan. 2021 – Oct. 2021	**Researcher (intern) @ Infosys** Computer vision, imitation learning, and reinforcement learning
Apr. 2019 – Sept. 2019	**Software Engineer (intern) @ Credit Suisse** NLP & Chatbots
Jun. 2018 – Sept. 2018	**Software Engineer (intern) @ GCHQ_** Cybersecurity & Communications

Education

2020 – 2025 **PhD, Imperial College London** Computing (Machine Learning)
Thesis title: *Offline Reinforcement Learning: In Pursuit of Perfect Policies from Imperfect Data*

2016 – 2020 **MEng, Imperial College London** Electronic and Information Engineering
First-class honours, Thesis title: *Machine Learning for the Analysis and Prediction of Film Performance*

Awards

2020 **Winner, Citadel European Datathon**, Developed methodology to identify gentrifying areas in NYC.

Distinguished Project Award, Awarded by Imperial's Department of Computing for MEng thesis.

Research Publications

1. P. Srinivasan and W. Knottenbelt, "Behaviour Preference Regression for Offline Reinforcement Learning," in *Proceedings of the AAAI Conference on Artificial Intelligence*, vol. 39, 2025, pp. 20 575–20 583.
2. P. Srinivasan and W. Knottenbelt, "Offline Model-Based Reinforcement Learning with Anti-Exploration," in *Proceedings of the 27th European Conference on Artificial Intelligence*, 2024.
3. P. Srinivasan and W. Knottenbelt, "Offline Reinforcement Learning with Behavioral Supervisor Tuning," in *Proceedings of the Thirty-Third International Joint Conference on Artificial Intelligence, IJCAI-24*, International Joint Conferences on Artificial Intelligence Organization, Aug. 2024, pp. 4929–4937. DOI: 10.24963/ijcai.2024/545.
4. P. Srinivasan and W. J. Knottenbelt, "SpOiLer: Offline Reinforcement Learning using Scaled Penalties," in *6th Annual Learning for Dynamics & Control Conference*, PMLR, 2024, pp. 825–838, ISBN: 2640-3498.
5. P. Srinivasan, R. Subramanian, and W. J. Knottenbelt, "Thinking the GOAT: Imitating Tennis Styles," in *Proceedings of the 17th Annual MIT Sloan Sports Analytics Conference*, 2023.
6. P. Srinivasan, A. Agrawal, and W. J. Knottenbelt, "The Path to GOAT-ness: Classifying Tennis Strokes," in *Proceedings of the MathSport International Conference 2022*, 2022.