Imran Thobani

email: ithobani@stanford.edu

EDUCATION

PhD in Philosophy (minor in Psychology), Stanford University *Symbolic Systems concentration*	06/15/2025
MA in Philosophy, Simon Fraser University	06/15/2017
MS in Electrical Engineering, Stanford University	12/15/2014
BS in Mathematics, Stanford University	06/15/2014

PUBLICATIONS

- **I. Thobani.** "A Triviality Worry for the Internal Model Principle" (*Synthese*, 2024).
- **I. Thobani.**, J. Sagastuy-Brena, A. Nayebi, J. Prince, R. Cao, D.L.K. Yamins. "Model-brain comparison using inter-animal transforms" (*Proceedings of Cognitive Computational Neuroscience*, 2025). **Also an invited talk.**

TALKS

- **I. Thobani**, J. Sagastuy-Brena, A. Nayebi, R. Cao, D.L.K. Yamins. "Interanimal transforms as a guide to model-brain alignment." ICLR Re-Align Workshop (May 2024), Battle of the Metrics at the Conference for Cognitive Computational Neuroscience (August 2024), Nanosymposium on Understanding the Visual System at Society for Neuroscience (October 2024).

POSTERS

1. J. Sagastuy-Brena*, **I. Thobani***, A. Nayebi, R. Cao, D.L.K. Yamins. "Interanimal transforms as a guide to model-brain comparison." Cosyne 2023. 11 March 2023. Montreal, Canada.
2. J. Sagastuy-Brena*, **I. Thobani***, A. Nayebi, R. Cao, D.L.K. Yamins. "Modelling interanimal variability." Conference on Cognitive Computational Neuroscience (CCN) 2022. Poster P-1.35. 25 August 2022. San Francisco, CA.
3. **I. Thobani**. "Measuring Similarity between Deep Learning Models and the Brain" Philosophy of Science Association Conference. November 2018. Seattle, WA.

AWARDS

2026 Stanford School of Medicine Dean's Postdoctoral Fellowship
2022-3, 2023-4 Patrick Suppes Philosophy of Science Dissertation Fellowship
2017-21 SSHRC Doctoral Award

RESEARCH AND INDUSTRY EXPERIENCE

NeuroAI Postdoc, Stanford and The Enigma Project	09/18/2025 - present
Stanford NeuroAILab (PI: Daniel Yamins)	09/01/2021 - 06/15/2025
Software Development Engineer, Amazon Web Services	02/01/2015 - 07/01/2015
Data Science Intern, Accretive Health	06/15/2014 - 09/15/2014
Stanford AI Lab (PI: Andrew Ng).	09/01/2011 - 04/01/2012
UBC Laboratory for Computational Intelligence (PI: Nando de Freitas)	06/15/2011 - 09/15/2011

ADDITIONAL TRAINING

Analytical Connectionism Summer School, Simons Foundation	08/01/2024 - 08/31/2024