

Viyan Poonamallee

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EDUCATION

M.A. in Philosophy — The New School for Social Research, The New School 2025

Focus: Politics and Metaphysics of Technology, Cybernetics, Ordinary Language Philosophy

- Thesis: “How Do We Reconsider Artifacts?: A Case for an Internalist Model of Artifact Functioning,” advised by Zed Adams.

B.A. in Philosophy, Minor in Code as a Liberal Art — Eugene Lang College of Liberal Arts, The New School 2023

- Thesis: “Why Computer Scientists Should Read Wittgenstein.”

M.A. in Computer Science — Hunter College, CUNY Expected 2027

- Coursework: Formal Methods, Automata Theory, Data Structures and Algorithms, Intro to Cybersecurity.

Bridge Certificate — Tandon School of Engineering, NYU 2025

- Preparatory program for graduate study in computing; completed with distinction.

TEACHING EXPERIENCE

Teaching Assistant, CSCI 49393: Ethics in AI — Hunter College, CUNY Jan 2026 – May 2026

- Helped design the syllabus and reading list, held weekly office hours, graded assignments, and delivered lectures on selected readings.

Teaching Assistant, LCOD 2000: Intro to Code as a Liberal Art — The New School Spring 2022 & Spring 2023

- Hosted weekly office hours, assisted lectures, and recorded asynchronous lecture content.

Programming Tutor and ADHD Coach — University Learning Center, The New School Sept 2022 – Present

- Advise and teach university students in JavaScript, Python, and C++, and coach students on academic strategies and executive-function support.

Organizer and Lecturer, Philosophy Reading Groups 2024 – 2025

- Designed syllabi and led reading groups on philosophers of technology, with a focus on Gilbert Simondon and Bernard Stiegler; wrote weekly notes and lectured to attendees, occasionally facilitating discussion.

PUBLICATIONS AND PRESENTATIONS

- Poonamallee, V. (Forthcoming). Science Fiction as a Means of Philosophical Inquiry. Rome: POI Review.
- Poonamallee, V. (2025). AI Is Not in the Clouds: A Material Ontology for the Study of AI. Illinois State University AI & the Humanities Symposium.
- Poonamallee, V. (2023). Why Computer Scientists Should Read Wittgenstein. Oxford Digital Humanities Summer School Poster Session — Awarded Second Place Best Project.
- Poonamallee, V. (2022). Pandemic Loneliness. Eugene Lang Dean’s Honor Symposium.

RESEARCH AREAS

Philosophy of Technology: Alan Turing, John Haugeland, Gilbert Simondon, Yuk Hui, Bernard Stiegler.

Philosophy of Functions and Teleology: Ruth Millikan, Beth Preston, Robert Cummins, Aristotle.

Ordinary Language Philosophy: Ludwig Wittgenstein, Stanley Cavell.

Ancient Philosophy: Plato, Plotinus.

CODING AND NEUROSCIENCES

- Post-Processing Methods of Convolutional Neural Networks on the Prediction and Classification of EEG Signals
- Hippocampus Atrophy Comparison between Caucasian and South Asian Populations
- Literature review of technologies for observing neurodegenerative disorders and use cases for brain volumetry

RELATED TECHNICAL BACKGROUND

- Research Analyst, In-Med Prognostics (Oct 2020 – 2023) — research EEG signal processing in relation to TensorFlow, neural networks, and AI in Python, including innovations in interpreting signal data and new technologies for identifying neurodegenerative disorders; contributed to the company's first patent.
- Programming Intern, In-Med Prognostics (Jan 2019 – Sept 2020) — developed MRI and CT image-processing algorithms using PyTorch and researched applications to traumatic brain injury (TBI) and stroke.
- Credited Patent Inventor, “Predictive Prognosis Based on Multimodal Analysis” (Patent No. 11,263,749), In-Med Prognostics Inc.
- Programming skills in C++, Python, TypeScript, and SQL, applied in teaching and in a generative Markov-chain model trained on Wittgenstein's Philosophical Investigations.
- HackerRank Gold Badge — Python.

ADDITIONAL SERVICE

- Intern, Brightspot Strategy (Sept 2020 – May 2021) — served on the Council of Student Advisors (CSA), contributing to research, outreach, and administrative strategy for universities, including proposed solutions to the challenges of online schooling for student organizations.

SERVICE AND LEADERSHIP

- Founder & President, The New School Coding Club (2020–2023).
- Treasurer, Graduate Student Association, Hunter College.