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Andrei-Filip Mocanu

SKILLS

Languages: Romanian and English fluently, a bit of French and Japanese.
Can write LaTeX, MatLAB, C++.

EDUCATION

University of Warwick, UK — *BSc Mathematics and Philosophy with Specialism in Logic and Foundations*

October 2019 – ongoing

Relevant coursework: Logic I, II and III, Set Theory, Philosophy of Mathematics, Words and Things.

"Ion Creangă" National College, Romania

September 2015 – July 2019

Romanian Baccalaureate: Romanian 8.0/10, Mathematics 9.7/10, Informatics 9.6/10

PROJECTS

Independent Project in Metaphysics with particular interest in the philosophy of David Lewis

October 2022 – ongoing

Abstract: An evaluation of David Lewis' "Humean Supervenience" with inspiration and arguments from quantum mechanics and general relativity, inspired by Ladyman and Ross' "Every Thing Must Go"

Essay in Mathematics on Structural Set Theories.

October 2022 – ongoing

Abstract: An overview of two set theories lacking a global "elementhood" predicate, instead being based upon relations between sets. It goes through the categorical intuition for Lawvere's ETCS, the modern project SEAR and then goes about proving standard set theoretic results within these paradigms.

AWARDS

Published a poem in the university literary magazine Kamena under the name Atena Andreea Mocanu.