

Education

University of Amsterdam

MSc Logic, 2020 (Expected).

MSc Thesis: Reconstruction of effect algebras from their subalgebras (in preparation).

Supervisor: Chris Heunen (University of Edinburgh).

University of Edinburgh

BSc Mathematics, 2018 (First class honours).

BSc Project: Sheaves on Topological Spaces and their Logic.

Supervisor: Tom Leinster.

Jyväskylä Normaalikoulu (Finland)

Ylioppilastutkinto (High school matriculation examination), 2014.

Mathematics, Physics, Chemistry, Finnish, Russian, English, French.

Projects and
Work experience**University of Amsterdam**

Teaching assistant for MSc Mathematics course Category Theory and Topos Theory.
Autumn 2019.

Tartu Observatory

Development of Satellite Attitude Determination Software.

Summer 2018.

London Mathematical Society Undergraduate Research Bursary

Project title: Quantum Logic and Set Theory.

Report title: The Category of Hilbert Spaces as an Orthogonal Category.

Project blog: andinparticularexists.wordpress.com

Supervisor: Chris Heunen.

Summer 2017.

Tartu Observatory

Erasmus+ traineeship.

Traineeship title: Development of Satellite Attitude Determination Software.

Summer 2016.

Department of Physics, University of Jyväskylä

Summer trainee, 2013.

Extracurricular
positions**The University of Edinburgh SocieTea**

Committee position, Publicity, 2017-18.

Committee position, President, 2016-17.

The University of Edinburgh Philosophy Society

Committee position, Ordinary member, 2015-16.

Other
experience**Infinity category theory reading group**

Organizer, 2019.

Reading project in point-free topology

Supervisor: Nick Bezhanishvili.

2019-2020.

Research project in categorical models for homotopy type theory

Supervisor: Benno van den Berg.

2019-2020.

Amsterdam Fringe Festival

Volunteer, September 2019.

Volunteer, September 2018.

Logic and Physics reading group

Organizer, 2018-2019.

Hidden Door Festival

Volunteer, May-June 2018.

Art-Master Theatre

Website translator, occasionally between 2013 and 2015.

Publications

There and back again: A circuit extraction tale (preprint)

with Miriam Backens, Hector Miller-Bakewell, Giovanni de Felice, John van de Wetering
arXiv:2003.01664.

Statistical Hypothesis Testing in the Context of Hume's Critique of Induction

University of Edinburgh Philosophy Society Journal, Issue 2: 2017-18.

Languages

Finnish (native), Russian (native), English (fluent),
French (DELF B2).