Leo Lobski · Curriculum Vitae

Education

University College London
Research student, September 2021 - Present.
Research group: Programming Principles, Logic and Verification.
Supervisor: Fabio Zanasi.

University of Amsterdam
MSc Logic (cum laude), 2020.
MSc Thesis: Quantum quirks, classical contexts: Towards a Bohrification of effect algebras.
Supervisors: Chris Heunen (University of Edinburgh), Nick Bezhanishvili.

University of Edinburgh
BSc Mathematics (First class honours), 2018.
BSc Project: Sheaves on Topological Spaces and their Logic.
Supervisor: Tom Leinster.

Jyväskylän Normaalikoulu (Finland)
Ylioppilastutkinto (High school matriculation examination), 2014.
Mathematics, Physics, Chemistry, Finnish, Russian, English, French.

Projects and Work experience

Aboa Vetus Ars Nova -museum
Civilian service year.
October 2020 - September 2021.

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**

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
with Miriam Backens, Hector Miller-Bakewell, Giovanni de Felice, John van de Wetering.
Quantum 5, 421 (2021). doi: 10.22331/q-2021-03-25-421.

Statistical Hypothesis Testing in the Context of Hume's Critique of Induction
University of Edinburgh Philosophy Society Journal, Issue 2: 2017-18.

Conference talks

Quantum Physics and Logic 2020
There and back again: A circuit extraction tale
Talk recording: https://youtu.be/Orilw6ujWag

Languages

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