

MIIKA RANKAVIITA

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EDUCATION

Aalto University

August 2024 –

Doctor of Science (Technology)

Thesis topic: Severi stratification and Hilbert schemes

Supervisor: Professor Oscar Kivinen

Imperial College London

October 2020 – June 2024

MSci in Mathematics

First Class Honours

Overall mark: 79.62

Thesis title: Mori's Technique – Exploring Hidden Gems in Birational Geometry

Supervisor: Professor Paolo Cascini

Vaasan Lyseon Lukio

August 2016 – June 2019

Matriculation Exam grades: LLLLEM

EXPERIENCE

Imperial College London

October 2023 – April 2024

Tutor

London, UK

- Led a weekly tutor group meeting consisting of 6 first-year students
- Prepared problems for each tutorial, and answered the students' questions

Imperial College London

July 2022 – September 2022

Intern

London, UK

- Did an internship as a part of the Undergraduate Research Opportunities Programme (UROP)
- Wrote an expository article on sheaf cohomology and the classification of algebraic curves
- Supervisor: Professor Johannes Nicaise

TEACHING AND OUTREACH

Algebraic Geometry

September 2025 – December 2025

- Worked as the Teaching Assistant on a course taught by Professor Kivinen

Math Camp

October 2025

- Volunteered on a camp aimed for upper-secondary school students
- Wrote a [report in my blog](#) on the activity I designed

Differential and integral calculus II

January 2024 – February 2024

- Worked as the Head Teaching Assistant on a calculus course for engineering students

Social Accountability Course

January 2022 – April 2022

- Took part in a course that involved designing classroom activities for secondary school students

LANGUAGES

Finnish Native

English Fluent

Swedish Basic

French Basic