

# Valentin KILIAN

*PhD student, University of Oxford*

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## Work experience

- Currently **PhD Student**, *University of Oxford*, United Kingdom  
Under the supervision of F. Caron and B. Guedj, funded by Clarendon Scholarship
- Currently **Tutor**, *Keble College*, Oxford, United Kingdom  
Tutor for Analysis III. Note-taker for undergraduate admissions interviews.
- Currently **Tutor**, Oxford, United Kingdom  
Tutor in Statistics for the Rhodes Trust, Tutor in Machine Learning for the Oxford Programme for Undergraduate Studies.
- 2023 **Teaching Assistant**, *Department of Statistics*, Oxford, United Kingdom  
Teaching Assistant for Applied Probability (Part B).
- Since 2022 **Mathematics teacher**, *IPESUP*, Paris, France  
Part-time mathematics teacher in business and commercial preparatory classes. Author of maths booklets. Interviewer for prospective students.
- Since 2019 **Private Lessons in Mathematics**, France  
Preparing undergraduate students for big national mathematics competitions.

## Diploma

- 2023 **Master's degree, Mathematics of Randomness**, *Paris-Saclay University*
- 2022 **Master's degree in Mathematics for teaching**, *ENS Rennes*
- 2021 **Bachelor's degree in Physics**, *University Rennes 1*
- 2020 **Bachelor's degree in Pure Mathematics**, *ENS Rennes*

## Education

- 2022-2023 **Master (M2) Mathematics of Randomness**, *University Paris-Saclay*, Orsay
- 2019-2023 **Trainee civil servant at the Ecole Normale Supérieure de Rennes**  
Ranked 39th at the French national competitive exam for teachers ("agrégation")
- 2016-2019 **Classes préparatoires aux grandes écoles**, *Lycée Louis le Grand*, Paris, *CPGE*  
Three-year undergraduate intensive course in mathematics, physics and computer science, preparing a national competitive exam.

## Academic internships

- 2023 **Internship**, *LPSM, Sorbonne University*, (5 months)  
supervised by C. Mathias and F. Villers on GGM inference from the noisySBM model.
- 2021 **Internship**, *University College of London*, (3 months)  
supervised by B.Guedj and A. Vendeuvre on the analysis of opinion dynamics on social networks.
- 2020 **Internship**, *Ecole Normale Supérieure d'Ulm*, (2 months)  
supervised by N.Tholozan on the Andreev's Theorem on Hyperbolic Polyhedra.

## Computer skills

Python, R, C++, SQL, OCaml, (Latex, Git).

## Languages

**French** Native

**English** Fluent