Valentin KILIAN

PhD student, University of Oxford

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Work experience

Curently **PhD Student**, *University of Oxford*, United Kingdom
Under the supervision of F. Caron and B. Guedj, funded by Clarendon Scholarship

2023 **Mathematics interviewer**, *Keble Collge*, Oxford, United Kingdom
Designing problem sheets. Interviewing students for undergraduate admissions.

Since 2022 **Mathematics teacher**, *IPESUP*, France, Paris
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 undergratuate 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 Achievements

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. Vendeville 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 skill level : Native

English high-intermediate level (Toefl : 106)

Spanish upper-intermediate level (B2)