Valentin KILIAN

PhD student, University of Oxford

Department of Statistics
University of Oxford
24-29 St Giles
OX1 3LB, Oxford
United Kingdom
☎ *+44 (0)7 852 894 657*
✉ *kilian@stats.ox.ac.uk*
🌐 *valentinkil.github.io*

Work experience

2023-Present **PhD Student**, *University of Oxford*, United Kingdom
Under the supervision of F. Caron and B. Guedj, funded by Clarendon Scholarship. My research interests lie in the development of statistical models for the analysis of real-world networks and of Anytime-valid methods for Statistics and Machine Learning. (Expected graduation in September 2027)

2024-Present **Lecturer in Mathematics and Statistics**, *Balliol College*, Oxford, United Kingdom

2023-Present **Tutor**, Oxford, United Kingdom
Tutor in Statistics for the Department of Statistics.Tutor in Mathematics for Keble College, Tutor in Statistics for the Rhodes Trust, Tutor in Machine Learning for the Oxford Programme for Undergraduate Studies.

2022-2024 **Mathematics teacher**, *IPESUP*, Paris, France
Part-time mathematics teacher in business and commercial preparatory classes. Author of maths booklets.

2019-2023 **Private Lessons in Mathematics**, France
Preparing undergratuate students for big national mathematics competitions.

Diploma

2023 **Master's degree, Mathematics of Randomness**, *Paris-Saclay University* , GPA : 4.00

2022 **Master's degree in Mathematics for teaching**, *ENS Rennes*, GPA : 4.00

2021 **Bachelor's degree in Physics**, *University Rennes 1*, GPA : 4.00

2020 **Bachelor's degree in Pure Mathematics**, *ENS Rennes*, GPA : 4.00

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. 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 Native   **English** Fluent