

Adrien Cances

Curriculum Vitae

Laboratoire de Mathématiques d'Orsay
Université Paris-Saclay
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Education

Since October 2022: PhD in applied mathematics at the Laboratoire de Mathématiques d'Orsay (Université Paris-Saclay). Advisors: Quentin Mérigot et Luca Nenna. Title: Particle methods for high-dimensional multi-marginal optimal transport.

2021-2022: Master degree M2 MVA (Mathematics, Computer science, Machine learning) at ENS Paris-Saclay (mathematics department).

2021: Scholarship grant for academic excellence, awarded each year by Saint-Gobain to two students of École des Ponts.

2019-2020: Second year at École des Ponts, curriculum in Mathematical engineering and Computer science, with majors in optimization and operations research.

2018-2019: First year at École des Ponts ParisTech. Erasmus semester at ETH Zurich (Numerical analysis of partial differential equations, Graph theory, Computational statistics, Machine learning).

Teaching

2024-2025: Analysis I and Topology I, Faculté des sciences d'Orsay.

2023-2024: Numerical methods, Faculté des sciences d'Orsay.

2022-2023: Probability I and Statistics I, IUT de Sceaux.

Experience

April-September 2021: Internship at the Laboratoire de Mathématiques d'Orsay, on Lagrangian particle methods for multimarginal optimal transport. Advisor: Quentin Mérigot.

March-July 2021: Internship in deep learning applied to computer vision, at the Computer Science Laboratory of École Polytechnique. Advisor: Vicky Kalogeiton.

August 2020-February 2021: Internship at LocalSolver, to contribute to the development of an optimization solver for operations research. Advisor: Julien Darlay.

Foreign languages

English: TOEIC (985/990).

Mandarine: HSK 3 (292/300).

German: B1 level.

Programming

Proficiency in Python, PyTorch, R, and C++.

7th January 2026

