Sébastien Kerleau

PhD student in computer science

Education

2021 – Ongoing	**Université Paris Dauphine-PSL (Paris, France)** *PhD student (Discrete structures and applications in continuous optimization). Specialized in graph theory and linear algebra. Supervisors : Denis Cornaz, Clément Royer.*
2020 – 2021	**Université Paris Dauphine-PSL (Paris, France)** *Master 2 MODO (Organization, Decision and Optimization Methods). Studying combinatorial optimization, linear programming, and other topics related to decision making.*
2016 – 2018	**Université de Nantes (Nantes, France)** *Master in Pure and Applied Mathematics - Preparation for teaching. Studying for the agregation of mathematics. Reached the first half of the ranking.*
2013 – 2016	**Université de Bretagne Occidentale (Brest, France)** *Bachelor of Mathematics - "Reinforced Maths" option. Graduated with honors and a merit scholarship.*

Work Experience

October 2021 - Ongoing	**Université Paris Dauphine-PSL (Paris, France)** *Teaching computer science to bachelor students. Courses : Machine learning foundations ; Algorithms and programming (Python) ; Machine learning and its applications.*
April 2021 - September 2021	**Université Paris Dauphine-PSL (Paris, France)** *Master thesis : 6 month internship. Studying positive bases in linear algebra and graph theory. Supervisors : Denis Cornaz, Clément Royer.*
2019 – 2020	**Lycée Jean Monnet (Franconville, France)** *Math teacher for high school students (16 to 18 years old).*
2018 – 2019	**Collège Jean Jaurès (Bannalec, France)** *Math teacher (trainee) for high school students (11 to 13 years old).*

Languages

- **French** (Native)
- **English** (Advanced. TOEIC 990/990.)
- **Italian** (Elementary)