Wojciech Reise

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Education

09.2020- 09.2023	**PhD student**, *DataShape, Inria Saclay*. Topological descriptors of curves, with applications to vehicle positioning, under the supervision of Frédéric Chazal and Bertrand Michel.
09.2017- 07.2019	**Master in Computational Science and Engineering**, *EPF Lausanne*. Master project in topological data analysis at the Mathematical Institute, Oxford.
09.2014- 06.2017	**BSc in Mathematics**, *EPF Lausanne*. Third year on exchange, at Ecole Normale Superieure, focus on algebra and topology.

Experience

09.2020- 06.2023	**Teaching Assistant**, *Polytech Paris-Saclay*. Exercice sessions for mathematics course for first-year students.
01.2020- 07.2020	**Research intern**, *L2F*. Implementation of topological data analysis methods and showcasing their applications.
07.2019- 09.2019	**Research intern**, *Spotify*. Design and implementation of an audio identification algorithm based on topological data analysis.
07.2018- 12.2018	**Data analysis intern**, *Dominice&Co.* Analysis of historical daily prices and volatilities, work on in-house server and trading infrastructure.
04.2018- 03.2019	**Treasurer**, *Club Montagne (EPFL)*. Accounting, budget planning of subsidised outings and courses.
07.2016- 09.2016	**Data analysis intern**, *Transport Lausannois*. Analysing the quality (punctuality and capacity) of the services, forecasting the number of passengers.
09.2015- 08.2016	**Teaching assistant, private tutor**, *EliteIB and EPFL*. Regular tuition, exam preparation, organising revision courses.
09.2015- 02.2018	**Member**, *ShARE Association (EPFL)*. Consulting-like projects for entities related to EPFL. Manager of a project for the ThinkEE startup 10-12.2017.
10.2012- 05.2013	**Technical development**, *Oddyssey of the Mind*. Devising requisites for a creativity-competition performance.

Languages

Polish	**Native**	
French	**C2**	*DALF*
English	**C2**	*CAE grade A*
Italian	**A2**	*self–evaluation*

Interests

Programming	Winner (team) of the Logitech challenge at Lauzhack 2018.
Dance	Advanced Lindy hop and Balboa dancer. Taught classes in Lausanne