

Wojciech Reise

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Education

- 09.2017- **Master in Computational Science and Engineering, EPF Lausanne.**
07.2019 Master project in topological data analysis at the **Mathematical Institute, Oxford**
09.2014- **BSc in Mathematics, EPF Lausanne.**
06.2017 Third year on exchange, at **Ecole Normale Supérieure**, focus on algebra and topology
09.2011- **International Baccalaureate, III LO, Gdynia.**
06.2014

Computer skills

Python	Proficient	<i>Self-taught, use and extension of data analysis libraries (PyTorch, HomCloud)</i>
Matlab	Proficient	<i>Self-taught, used for numerical and data analysis/visualization (internship)</i>
C++	Good	<i>Design Patterns, tutored for a first-year course</i>
Java	Intermediate	<i>Developed a plugin for an Android app with continuous integration</i>
Scala	Beginner	<i>Currently learning functional programming</i>

Experience

- 01.2020- **Research intern, L2F**, Implementation of topological data analysis methods, and showcasing their applications.
07.2020
07.2019- **Research intern, Spotify**, Design and implementation of an audio identification
09.2019 algorithm based on topological data analysis.
07.2018- **Data analysis intern, Dominice&Co**, Analysis of historical daily prices and volatili-
12.2018 ties, work on in-house server and trading infrastructure.
04.2018- **Treasurer, Club Montagne (EPFL)**, Accounting, budget planning, Financial organi-
03.2019 sation of subsidised outings and course.
07.2016- **Data analysis intern, Transport Lausannois**, Analysing the quality (punctuality
09.2016 and capacity) of the services, forecasting the number of passengers.
09.2015- **Teaching assistant, private tutor, ElitelB and EPFL**, Regular tuition, exam prepa-
08.2016 ration, organising revision courses.
09.2015- **Member, ShARE Association (EPFL)**, Consulting-like projects for entities related
02.2018 to EPFL. Manager of a project for a startup 10-12.2017.
10.2012- **Technical development, Oddysey of the Mind**, devising requisites for a creativity-
05.2013 competition performance.

Languages

Polish	Native
French	C2
English	C1

Interests

- Programming Winner of the Logitech challenge at Lauzhack 2018, participating in algo-contests
Dance Advanced Lindy hop and Balboa dancer, teacher at the local scene