Leopold Maurice, Dipl.-Ing.

Date of birth: 22/10/1999 | **Nationality:** French | **Phone number:** (+33) 608094036 (Mobile) | **Email address:**

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• WORK EXPERIENCE

03/2022 – 07/2022 Paris, France
JUNIOR ANALYST IN CIRCULAR ECONOMY OF BUILDING CONSTRUCTION RÉSEAU CANOPÉE (PUBLIC HOUSING NETWORK)

- Studied the development of the circular economy of building construction in France.
- Focused on the role of social housing organisms.
- Conducted semi-structured (inspired) interviews with different actors of the emerging sector.
- Organised a seminar to diffuse the acquired knowledge.

01/2022 – 03/2022
ACADEMIC PROJECT - SPATIAL INEQUALITIES IN ACCESS TO HEALTHCARE IN FRENCH DEPARTMENTS

- Supervised by Prof. Dr. Emmanuel Didier, and Camille Beaurepaire.
- Aggregated health services data (accessibility, quality of life, socio-professional category) gathered by INSEE.
- Applied quantitative analysis : bivariate analysis, correlations, dimensionality reduction (PCA) and clustering methods.
- Written memoir titled : "Socio-economic typology of the offer and quality of healthcare services in different french departments"

• EDUCATION AND TRAINING

09/2022 – CURRENT Palaiseau, France
DIPL.-ING. ENSAE Paris

- Initial training as a civil servant at the French National Institute of Statistics and Economic Studies (INSEE)
- Main subjects : economics (microeconomics, macroeconomics, environmental economcis), Social Sciences (introductory class to sociology), Data Science and Statistics (Econometrics, Statistics (applied and theory), Theoritical Foundation of Machine Learning, Survey methods, Linear Time Series)
- On-going projets : Analysis of the composition of big cities around points-of-interest (https://github.com/bsarah/BATO-MOUCHE), Spatial Analysis of Sport pratices (https://github.com/LeoMaurice/SportsParticipationEconomicGeographic)

Address Palaiseau, France | **Website** https://www.ensae.fr/ |

Field of study Economics, Quantitative Social Sciences, Data science | **National classification** Dipl.-Ing. |

Number of credits 120

09/2019 – 08/2022 Palaiseau, France
DIPL.-ING. Ecole Polytechnique

- One of France's leading schools in engineering, experimental and theoretical sciences.
- Relevant coursework : Urban Economics and Real Estate - Urbanism and Sustainability - Evaluation of public policies - Quantitative methods in social sciences - Economic History of Capitalism - Numeric Revolution and Societes (essay on the impacts of "smart cities")

- Engineering thesis titled "Circular Economy in the construction sector of France"

Address Palaiseau, France ⎪ **Website** https://www.polytechnique.edu/ ⎪

Field of study Public Affairs, Urban Studies ⎪ **Final grade** GPA : 3.88/4.00 ⎪ **National classification** Dipl.-Ing. ⎪

Type of credits ECTS ⎪ **Number of credits** 183 ⎪

Thesis Circular Economy in the construction in France : Public Housing Office as leading actors

2014 – 2019 Paris, France
HIGHSCHOL/BACCAULÉRAT AND CLASSES PRÉPARATOIRES PCSI/PC* Lycée Louis Le Grand, Paris

- Two-year intensive university-level preparation in mathematics, physics, chemistry to prepare for highly competitive nationwide exams

Address Paris, France ⎪ **Field of study** Natural sciences, mathematics and statistics ⎪ **Final grade** GPA : 4.00/4.00 ⎪

Type of credits ECTS ⎪ **Number of credits** 120

LANGUAGE SKILLS

Mother tongue(s): **FRENCH**

Other language(s): **ENGLISH - C1 - TOEFL : 102** ⎪ **SPANISH - B1** ⎪ **RUSSIAN - B1** ⎪ **GERMAN - BEGINNER**

DIGITAL SKILLS

Microsoft Office ⎪ Latex ⎪ adobe Lr, Ps, InDesign, Illustrator ⎪ Matlab ⎪ C++ ⎪ Git ⎪ Python ⎪ R ⎪ Stata

ADDITIONAL INFORMATION

ASSOCIATIONS

2019 – CURRENT
Café-Diplo

- Organised 4 geopolitical seminars with guests such as Adam Baczko (Afghanistan), Jean De Gliniasty (Russia), Christophe Ventura (South America), George Corm (Lebanon) and one seminar about opinion polls with M. Jeanbart (OpinionWay) and Hugo Touzet (sociologist of a PhD about pollsters)
- Organised several debates spanning different subjects such as international relations, french and european politics etc.

2019 – 2022
CinephiX

- Animated the Polytechnique cinema club
- Participated as an amateur in the 2022 edition of the Cannes Festival