Lise **Le Boudec**
PhD Student at ISIR, Sobonne University

Informations
Lise Le Boudec
27/11/1998
Lannion, France
Driving licence B & BE

Specialisztion
Statistics
Deep Learning
Optimization
Modelization

Interests
Image processing
Meteorology
Climate
Oceanography
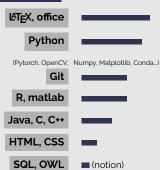Astronomy

Languages
French	C2	
	(Native)	
English	C1	
	(TOEIC 965/990)	
German	B1	
Italian	B1	

Informatics
LᴬTEX, office

Python

(Pytorch, OpenCV, Numpy, Matplotlib, Conda...)

Git

R, matlab

Java, C, C++

HTML, CSS

SQL, OWL (notion)

Réseaux
in Lise Le Boudec
2ailesB
2ailesb_photos
Lise Le Boudec

ACADEMIC BACKGROUND

2022-   **Informatics PhD Student**
PHYSICS BASED DEEP LEARNING - LEARNING PDE SOLVERS · ISIR (MLIA)
🏛
PhD Student in the MLIA team at ISIR lab (Sorbonne University).

2022   **Master 2 Mathematics**
LEARNING AND ALGORITHMS · Sorbonne université 🏛
statistical learning, deep learning

2021   **Master in Management and Business Administration: Entrepreneurship and Management of Innovative Projects**
LEARNING AND ALGORITHMS · IGR-IAE Rennes 🏛
Finance, Marketing, Management, Entrepreneurship

2021   **Ingeneering Shool**
APPLIED MATHEMATICS · INSA Rennes 🏛

- 2021 : Optimal control course & Double-diploma INSA-IGR
- 2020 : Semester at UQAM in Montreal (Canada)
- 2019 : Introductory course in research: « Discovery of new physical laws through parsimonious representations»
- 2018 : Mathematical Engineering Department (Risk Analysis, Statistics, Optimization and Modeling)
- 2016 -2018 : Preparatory classes

PROFESSIONAL EXPERIENCES

2023-   **Teaching**
MACHINE LEARNING & INFORMATICS LAB · Sorbonne University & Polytechnic Sorbonne 📍
Labs for M1 DAC student in machine learning (Sorbonne university), Python (3rd year students at Polytech) and industrial Project (4th year students at Polytech).

2022   **Research internship**
AI FOR SCIENCE: PHYSICS BASED DEEP LEARNING FOR MODELING COMPLEX DYNAMICS. APPLICATION TO CLIMATE · ISIR (MLIA) 📍
bibliography, evaluation of using parcimonious implicit neural representations to solve partial differential equations.

2021   **End of studies intership**
COLOR TRANSFER FOR IMAGE EDITING · DxO Labs 📍
Developpement of an algorithms to compute color transfer between photography (Research in python and prototyping in C++)

2020   **Ingeniering intership**
OPTIMIZATION OF DATA PROCESSING FROM A LASER VELOCIMETER · IDIL fibres optiques 📍
Modeling of the operation of a fiber VISAR, analysis of the influence of parameters on the outputs, noise treatment

OTHERS

Photography	**Landscapes, sport, astronomy...**
	Canon EOS 100D, Canon EOS R7.
Sport	**Track and fields, Triathlon ...**
	Daily trainings.
Music	**Piano**

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