

24 years old
French Nationality
Driving License
International mobility



Pierre Faure--Giovagnoli

PhD student in Data Science at LIRIS INSA Lyon
Graduated from INSA Lyon and Georgia Tech

🏠 18 rue des Capucins,
69001 Lyon
☎ +33 6 32 85 59 76
✉ pierre.faure--giovagnoli
@insa-lyon.fr
in /pierrefg
🌐 pierrefg.github.io

SKILLS

Knowledge fields

Database theory, Machine Learning, Data Mining, Data viz., Computer Vision, Algorithmics, Statistics, Graph theory

Languages

C/C++, C, PL/SQL, Java, Python, JS, Prolog... always learning!

Miscellaneous

Project management, Logistics, Communication...

LANGUAGES

French - **Native**
English - **Professional**
German - **Conversational**

HOBBIES

Music

Violin - since 2005 - DNOP
Electroacoustic music
- for 6 years - DNOP
Jazz drum kit - for 1 year

Miscellaneous

Graphic arts, cinema, photography, drawing...

Sports

Hiking, climbing and running

EDUCATION

- 2020-* Ph.D. in Data Science
Study of normality in a system instrumented with sensors, application to hydroelectricity production
LIRIS, Compagnie Nationale du Rhône - Lyon, France
- 2019/20 Master of Science in Computer Science
Georgia Institute of Technology - Metz, France
- 2015/20 Engineering Degree (*research track, art section*)
INSA (National Institute of Applied Sciences) - Lyon, France

EXPERIENCE

2019 Research in Natural Language Processing
4 months *Worldline - Internship - Lyon, France*
Research practices - Programming - AGILE management

2018 SAP administration
3 months *OXYA - Internship - Lyon, France*
SAP Landscape - Teamwork - Networks - Unix

Teaching at INSA Lyon: algorithmics (TD), database theory (TD), C++ programming (TP), Java programming (*academic support*), mathematics (*academic support*) - ~200 hours total

Volunteer Experience: Media La Mouette (*communication coordinator*), AEDI - Computer Science Association (*communication and events coordinator*), AMI - INSA Musical Association (*active member*), The Shifters (*active member*)

RESEARCH

Publications in Conferences and Journals

- 2022 Assessing the Existence of a Function in your Dataset with the g3 Indicator
Faure--Giovagnoli Pierre et al. - Research paper
38th IEEE International Conference on Data Engineering
- 2021 ADESIT: Visualize the Limits of your Data in a Machine Learning Process
Faure--Giovagnoli Pierre et al. - Demonstration paper
International Conference on Very Large Data Bases
Award for the best demonstration paper at BDA 2021
- 2020 Deep-Learning for Automated Diatom Detection and Identification for the Ecological Diagnosis of Fresh-water Environments
Faure-Giovagnoli, Pierre - Master's Thesis
Diss. Georgia Institute of Technology

Participations in Workshops

- MaDICS Défis théoriques pour les sciences du climat (*poster*) - 2022
- MaDICS Symposium (*poster*) - 2022
- MaDICS BigData4Astro (*oral presentation*) - 2021
- Imaginecology (*oral presentation*) - 2020
- 5ème colloque biennal des Zones Ateliers-CNRS (*poster*) - 2020

Reviewer for SIGMOD 2022, ICDM 2021