

Marie Le Guilly | CV

11 rue Belfort – 69004 Lyon – France

☎ +33 6 28 07 92 58 • ✉ marie.le-guilly@insa-lyon.fr

Education

PhD in computer science

LIRIS research laboratory and INSA Lyon

Interactive query languages for data exploration using machine learning

Lyon

2017-...

Engineering degree in computer science and information technology

INSA (National Institute of Applied Sciences)

3 years specialization in computer science

Lyon

2014–2017

ERASMUS Program exchange

Danmarks Tekniske Universitet

One year exchange with the Erasmus Program

Master level education, specialization in Machine Learning

Copenhagen

2015–2016

Intensive undergraduate program

INSA (National Institute of Applied Sciences)

2 years of general scientific courses in mathematics, physics, chemistry and computer science

Lyon

2012–2014

Work experiences

Master Thesis

LIRIS

Research project on SQL query completion

Lyon

February–June 2017

Internship

LIRIS and Dodin Campenon Bernard (VINCI)

Analysis of the data from a boring machine

Prediction of soil compaction based on the machine's parameters

Lyon

June–September 2016

Internship

MORPHO (SAFRAN)

Implementation of a test platform for a software suite

Project related to biometric fingerprints

Paris

June–September 2015

Teaching

Object oriented Programming

INSA

Practical sessions on object oriented programming in Java

24 hours to 26 1st year bachelor students

Lyon

2018

Advanced Java Programming

INSA

Practical sessions and supervision of end-of-semester projects

18 hours to 27 2nd year bachelor students

Lyon

2018

Introduction to algorithmic

INSA

Practical sessions on the basis of algorithmic
22 hours to 26 1st year bachelor students

Lyon

2017

Tutoring in Math and Physic

INSA

Tutoring of students with disabilities
Tutoring of high school students

Lyon

2014-2017

Publications

National Conferences.....

Langages de requêtes interactifs pour l'exploration de données

Marie Le Guilly

(BDA 2017 33ème conférence sur la Gestion de Données — Principes, Technologies et Applications)
Article Doctorant

Nancy

2017

Retour d'expérience sur l'analyse des données d'un tunnelier

Marie Le Guilly, Jean-Marc Petit, Vasile-Marian Scuturici

(BDA 2017 33ème conférence sur la Gestion de Données — Principes, Technologies et Applications)

Nancy

2017

Technical Reports.....

SQL Query Completion for Data Exploration.

Marie Le Guilly, Jean-Marc Petit, Vasile-Marian Scuturici

CoRR abs/1802.02872

Lyon

2018

Talks

Could Functional Dependencies Help to Identify Balanced Classification Datasets ?

ISIP Workshop,

Fukuoka

May 2018

SQL query completion for data exploration

DECADE Mini-symposium

Lyon

November 2017

Formations

Scientific mediation school

Ecole de médiation scientifique en informatique

Creation of activities for computer science without computer

Toulouse

June 2018, 3 days

EDBT summer school : adding value to data

Talks and practical sessions

Discovering, extracting, integrating, accessing and interpreting data

Genova Nervi

September 2017, 1 week

Technical skills

Programming: Python, Java, C/C++

Web: HTML, Javascript, PHP

Operating systems: GNU/Linux, Microsoft Windows

Tools: Latex, Git, SVN

Databases: PL/SQL, MySQL, Oracle

Maths: Matlab, Maple

Language skills

English: Fluent (TOEFL : 980/990)

Spanish: Intermediate