

# MOREL Victor

## Resume

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15/08/1992



## Experience & Education

2016 **Engineer Graduation**, *Polytech'*, Lyon.

2016 **Master Thesis**, *Uppsala University*, Uppsala.

2015 **Exchange Semester**, *Uppsala University*, Uppsala.

Exchange student

2014 **Engineer Internship**, *DotRiver*, Lyon.

2012-2016 **Engineer Degree**, *Polytech'*, Lyon.

2010-2012 **Preparatory Classes**, *Polytech'*, Lyon.

2010 **Baccalauréat Scientifique**, *Lycée Vaugelas*, Chambéry, Mention Bien (high honours).

Specialization in Mathematics

## Skills

Project Management Academic and extra-curricular skills (summer camp management within the EEDF, the laic association of French Scouting).

Managerial Tasks during my internship at DotRiver

Communication Good written and verbal communication skills, notes taker during associations and working meetings

Writing Scientific content : reports, articles, thesis

Teaching Teacher Assistant in the Database Design course at Uppsala University

## Master thesis

Title *Generating co-evolutionary polarized opinion networks*

Supervisors Matteo Magnani - Stéphane Bonnevey

Description Development of a method to generate opinion networks, with a particular focus on the study of the polarization on social networks and how the coevolution in a network influences the latter. Analysis and conception of network models leading to a new classification model for co-evolutionary networks.

## Engineer Internship

Title *Eco-innovative virtuals desktops and GreenCloud*

Supervisors François Aubriot - Alexandre Aussem

Description Industrialization of a research project in partnership with the ENS Lyon (GreenCloud), that consists of designing a green cloud broker focused on energy optimization of virtualized solutions. Project carried out within Nuvea funded by Horizon 2020. Participation in the development of middleware DIET Avalon Group. Maintenance of DotRiver's infrastructure.

## Technical knowledge

Programming	Python, java, bash, C++, R, L <sup>A</sup> T <sub>E</sub> X	Security	Unix, Metasploit
Network Science	Models, algorithms, NetworkX	Machine Learning	Reinforcement, Statistics, Optimization,
NLP	Topic Model, text mining	Data Mining	Complex Data
Data	MySql, RapidMiner	Web	PHP, Bootstrap

## Languages

**English** Fluent, C2

**Italien** A2

**French** Mother tongue

**Swedish** A1

## Others activities, hobbies & center of interests

- New technologies / Free software
- Computer Security
- Environment & Ecology
- Bass guitar
- Artificial Intelligence
- Cooking
- Climbing (instructor)
- Photography