

Géraud Le Falher

Machine Learning enthusiast

contact

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languages

French: mother tongue
English: fluent
German & Finnish: notions

programming

♥ Python
C/C++, Scheme, PHP,
HTML/CSS, Javascript, SQL,
L^AT_EX, C#, Haskell

education

- 2012–2014 **Master** of Science Aalto University, Espoo, Finland
Machine Learning and Data Mining
Relevant courses covered various Machine Learning methods, Neural Networks, Deep Learning, Graph mining and algorithms, Natural Language Processing, Bioinformatics and Computer Vision (along with many concrete projects: db.tt/P55PpSNO). During my thesis, I collected a large Foursquare dataset and used it to learn a similarity metric between places across different cities.
- 2010–2012 **Bachelor** of Science in Engineering École Centrale, Nantes, France
Relevant courses included Probability and Statistics, Scientific Computing, Algorithms and Programming, Web technologies
- 2008–2010 **Classe préparatoire** Lycée Clémenceau, Nantes, France
a **2-year intensive program** preparing for the national competitive exams for entry to French Engineering Schools.

experience

- Summer 2012 **Université Laval** Québec, Canada
Internship in virtual museology
In the Laboratory of Museology and Culture Engineering, I spent four months working on a ongoing project that aims to digitally capture and present a religious building. It involved 3D scanning, modeling, texturing, designing user interface, scripting interactions and dynamic content retrieval.
It was an opportunity to:
 - Leverage various display devices to enhance user experience
 - Survey different methods of acquiring real world geometric data
- Summer 2011 **La Poste (French Mail Service)** Nantes, France
Internship in Information System department
This five week internship was the occasion to work around a very large information system which could cause various non-academic problems. I witnessed the resolution of a problem that affected thousands of people. This was a great illustration of the conservative procedures one must adhere to in order to resolve complex issues.
I provided the following services:
 - Assisted the users by phone
 - Queried database to identify servers that required updates
- 1st semester 2011 **IBM** Nantes, France
Industrial project
This project was about *Cloud Computing*, a set of technologies and methodologies that enable companies to delegate software or hardware to internet based providers. With a team of 6 students, we learned about technical aspects of Cloud Computing and conducted a comparative market study.

interests

science-fiction, creative writing, history, soccer, running