Engineering student with a double degree in mathematics passionate about developing new machine learning algorithm seeking for a 6-month internship

Louis HULOT

233 rue Léon
Gambetta
Lille 59 000
+33 6 48 09 74 88
louis.hulot1@gmail.com

SKILLS

Java
Python
SkLearn
TensorFlow
HTML5
UML
BPMN
AJAX

Massive Open Online Courses

Project Management
(Centrale Lille)
Machine Learning
(Stanford)
Deep Learning
(Udactiy)

in

WORK HISTORY

Data Analysis Intern, Merck Healthcare Global Manufacturing and Supply
May 2017 - August 2017, Lausanne, Switzerland (4 months)
Realization of a tool analyzing historical data from bioprocess using Sklearn on Python.
Data Analysis of bioprocess. Finding of a set of parameters through time that could improve the productivity by 13%.
Helping the team with the identification and launch of several Data Science projects with a potential ROI of € 200 millions.

In charge of R&D, Drink The Air
October 2015 - Present, Centrale Lille, France
A 6-student project in partnership with the NGO "Nomades des Mers".
Design and realization of a prototype able to retrieve up to 6 liters of water per day.
Awarded best student project by the alumni of *Ecole Centrale Lille* in 2016 and by the partners of *Ecole Centrale Lille* in 2017.
One of the ten finalists of the « Prix de l'Ingénierie du Future » delivered by the French Ministry of the Environment.

Intern, Milliery-CleanAir
January 2016 - February 2016, Lyon, France (1 month)
One month of shop floor internship as assistant quality engineer.

EDUCATION

Master & Bachelor degree, Ecole Centrale Lille
September 2015 - Present, Lille, France
Global Engineering School with a Master degree in E-Business and Statistics.
Relevant courses : UML, Java, Data Analysis, Statistics, Stochastic Processes.

Bachelor Degree in Mathematics, Lille 1 University
February 2016 - January 2017, Lille, France
Double degree in mathematics during my education at *Ecole Centrale Lille*.
Relevant Coursework: Numerical Analysis, Algebra, Topology.

Preparatory course in Physics and Industrial Sciences, Lycée La Martinière Monplaisir
September 2013 - July 205, Lyon, Rhône-Alpes, France
Two years of intensive undergraduate courses preparing students for competitive exams for entry to the French "Grandes Écoles".

COMMUNITY INVOLVEMENT

Vice-President, Centrale Lille Students' Union
April 2016 - April 2017, Lille, France (1 year)
Management of a 23 people team and an annual budget of € 110,000.
Assisting the person responsible for the business partnership at Ecole Centrale Lille.

LANGUAGES

French: Native	English: Full professional	Spanish: Basics

HOBBIES

Trips : Backpacked in Costa Rica England, Spain, Italy	Swimming (Regional competition) Surf (8 years)	Guitar (5 years) USA, Cello (6 years)