

PIERRE-LOUIS GUILLOT

Data Scientist

@ guillot.pl@gmail.com

github.com/plougue

(+44)7394 505451

(+33)6 85 80 42 88



EDUCATION

Master of Engineering ("Grande École")

Université de Technologie de Compiègne

2013 – 2019

Compiègne, France

"Diplôme d'ingénieur" in **COMPUTER SCIENCE**

DATA MINING specialty, machine learning

Master of Science

Université de Technologie de Compiègne

2018 – 2019

Compiègne, France

Master of Science in **APPLIED MATHEMATICS**

Mathematical optimization and machine learning specialty

WORK EXPERIENCE

Research internship

Heudiasyc Laboratory (CNRS / UTC)

February – July 2019

Compiègne, France

Extended methods for *questioning preferences* of a single user.

Got better at : Understanding research Autonomous work
Reading papers Writing papers Communicating results

[Preference Elicitation with Uncertainty: Extending Regret Based Methods through Belief Functions, P.-L. Guillot and S. Destercke (2019)]

C++ development internship

CosmoTech (small start-up)

February – July 2018

Lyon, France

Implemented benchmarking tools to a complex simulation software.

Got better at : C++ Git Good practices Teamwork

MORE ABOUT ME

My strengths : Curious Hard-working Adaptable

Used to : Deadlines Team working Learning tools

I like to : Play games Learn new things Meet new people

I'm also very passionate about **mathematics**. I've remotely followed a university course in abstract mathematics in 2019-2020.

PROJECTS

Machine learning

Many **R/Python** projects from 2017 to 2020
Many different **data sets** and **techniques**

Programming

Engineering group projects :

- Mathematical modeling with *matlab*, *numpy*, ...
- Programming in C++/C/Python/Java

Database design

From **conceptual models** to **implementations**.
Various formats : *SQL*, *JSON*, *CSV*, *XML*, ...

Personal projects

Browser game, various websites, platforming game prototype, discord bot, ...

For more details ...

plougue.github.io/projects.html

TECHNOLOGIES

C++, C, Python, R, SQL ●●●●●

Matlab, Scikit, Numpy, Unix ●●●●●

Java, Pandas, Git ●●●●●

SKILLS

MACHINE LEARNING

Theory, applications, methodology and techniques

DATA MANAGEMENT

- Relational database theory and *SQL* applications
- Non-relational database : column-oriented, *cassandra*, ...

COMPUTER SCIENCE

Data types, algorithmics, complexity, optimization

Mathematics

Strong education in mathematics / statistics

English

Fluent

French

Native speaker