PIERRE-LOUIS GUILLOT

Graduate Data Scientist

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EDUCATION

Master of Engineering ("Grande École")

🎓 **Université de Technologie de Compiègne**

📅 2013 – 2019   📍 Compiègne, France

"Diplôme d'ingénieur" in **COMPUTER SCIENCE**
DATA MINING specialty , lots of 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 strenghts : Curious Hard-working Patient 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 analysis of datasets

*Using **R** and **Python/Scikit** :*
*- **explore** data, **implement** algorithms, **choose** the best*
*- **report** the analysis, **explain** the choices*

Many examples on various datasets from 2017 to 2020

🗄 Database design/implementation

*From **conceptual models** to **implementations**.*

</> Miscellaneous Comp. Science projects

Group engineering/programming projects.

🚀 Personnal projects

Browser-based game, Websites, Platforming game prototype, Discord bot, ...

For a comprehensive list ...

🔵 **plougue.github.io/projects.html**

SKILLS

📈 DATA ANALYSIS ● ● ● ● ●

*- **Theory** behind ML algorithms : most of the common ones*
*- **Methodology** of machine learning. : principles, testing, ...*
*- **Concrete applications** using **R** and **Python/Scikit***

🗄 DATA MANAGEMENT ● ● ● ● ○

*- **Relationnal database** theory and **SQL application***
*- Theory of **datawarehousing** and applications.*
*- **Non-relationnal databases** : column-oriented, cassandra, ...*

</> Programming ● ● ● ● ○
SQL/Python/R/Matlab/ C/C++/Java, ...

📊 Mathematics ● ● ● ● ●
Linear algebra, computer science, statistics

🇬🇧 **English**   Fluent

🇫🇷 **French**   Native speaker