

# PIERRE-LOUIS GUILLOT

## Data Scientist

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📍 France

🔗 plougue.github.io

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🐙 github.com/plougue

## WORK EXPERIENCE

### Research internship

Heudiasyc Laboratory (  CNRS /  UTC )

📅 February – July 2019

📍 Compiègne, France




- Study of single-user **preference elicitation** methods
- Two domains : **decision theory** and **uncertainty management**.
- **Promising results**
  - A method for eliciting preferences w/ uncertain answers
  - A conference **poster** (ISIPTA 19) and **article** (SUM 19)

### C++ software development internship

CosmoTech

📅 February – July 2018

📍 Lyon 7, France

- Implemented 2 benchmarking tools into the simulation engine
-  ,  ,  , unit tests, team work, documentation

## PROJECTS

### School projects ( UTC )

#### Data Science

- Several **machine learning** projects using R/Python/Scikit : classification, regression, clustering, image detection, ..
- Several **data warehousing** projects (SQL, cassandra, ...)

#### Operations research

- Theoretical 7 person group study of a *free space optics* network (**operations research**, linear programming, teamwork).
- Linear programming projects (**express-MP**, **CPLEX**)

#### Miscellaneous

- Projects around **mathematical modelisation** using Matlab : optimisation, stochastic processes, differential equations, Fourier analysis, image processing, ...
- Symbolic AI (**Lisp**, **Prolog**), C++ programming, ...

### Personal projects

- Amateur games using **C/SDL** and **python/pygame**
- Backend programming of various websites (**PHP/SQL**)

More on  [github.com/plougue](https://github.com/plougue) and  [plougue.github.io](https://plougue.github.io)

## HOBBIES



## STUDIES

### Engineering degree in Computer Science

 Université de Technologie de Compiègne

📅 2013 – 2019

📍 Compiègne, France

French "Grande École"

**Data Mining** specialty

### MSc : "Machine Learning and Optimisation within Complex System"

 Université de Technologie de Compiègne

📅 2018 – 2019

📍 Compiègne, France

Machine learning and Operations research

## SKILLS

🇬🇧 **English** Professional level, C1, TOEIC 955

🇫🇷 **French** Native speaker

### 🎓 Theoretical skills

- Machine learning
- Decision theory
- AI and reasoning within uncertainty
- Data warehousing
- Operations research
- Linear algebra
- Optimisation

## TECHNOLOGIES

### Advanced knowledge:



### Basic understanding:

