

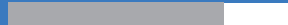
## SYLVAIN VERDY

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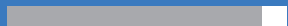


### Database Experiences

MySQL



Elasticsearch



### LANGUAGES OF PROGRAMMING & LIBRARIES



## ◆ Professional Experiences

OCTOBER 2018 – OCTOBER 2020

**THALES - European Project AI4EU (20 Millions Euros – 79 partners)**

Apprenticeship : Research Engineer in Artificial Intelligence

- Mission : Build a search engine.
- Implement a Question Answering tool.
- State of art « Information Retrieval », « QA » et « Search Personalized »
- Technical Skills : Python, Micro-services, JAVASCRIPT, HTML, CSS, Semantic Analysis, NLP.
- Final year of Apprenticeship (February 2020 – August 2020)
- Search Personalized and analysis semantic of queries.
- Create an open-domain chatbot

JUNE - JULY 2017

**PMC (Solutions and software designed for pari-mutuel operations)**

Software engineer (Internship)

- Mission : Implementation of a python script to pair and mismatch tablets remotely via Bluetooth technology.
- Tools: Python et Shell.

## ◆ PROJETS

SCIENTIFIC EDUCATION

**2020 (1 month) • XL Project • 4 people**

- Mission : Incremental learning techniques, implement research paper.
- Tools: Python, Trello (Agile method, Extreme Programming)

**2017-2018 • VmMaker • 4 people**

- Mission : Creation of machines on demand with a web interface.
- My mission : Build the website.
- Tools : PHP, MYSQL, HTML et CSS.

**2016-2017 • MyBeeper • 4 people**

- Mission : Detection of the object with a Bluetooth connection, the object emits a sound to find it.
- My mission : Creation of the connection between the transmitter and the receiver object.
- Designed a script in python and C for arduino.
- Tools : Python et C.

HUMAN EDUCATION

**2017-2018 • Digital Styx • 9 people**

- Mission : Teach elementary school children the dangers of the Internet.
- 1st Prize of the jury of the exhibition projects of human training projects, at ESIEA Paris.

## ◆ EDUCATION

• **Title of general engineer (Master Engineering School), ESIEA PARIS**

(2015 – 2020), MSc Data Science. Recognized by the French Engineer Community.

• **Scientific Baccalaureate – option SVT, Specialized in maths**

(2015) at Saint-François-de-Sales (Basse-Normandie)

## ◆ Center of interest

- Travels
- International Experiences 1 month (Cambridge)
- Badminton
- Sport hall
- Programming and video games

## ◆ Languages

- French (first language)
- English : TOEIC 840