

# BIGNON ALAN

## DATA SCIENTIST

### INTRODUCTION

Hello ! I am Alan and I am currently attending the University of Paris-saclay in order to obtain a Master's Degree in Data Science.

I'm eager to find my place. I'm looking to make a difference right when I graduate.

### ASSETS

Fluent in French

Proficient in English (C1)

Fast learner

Linux distribution used daily

Experience in team work with git

### CENTER OF INTEREST

reading novels, manga

Video games (PC)

NBA

### CONTACT

Phone Number: (+33)632400829

Email: bignon.alan.pro@gmail.com

Website: alanbignon.com

## PROFESSIONAL EXPERIENCE

### DATA SCIENTIST

**Orange Business Services** - September 2022 / September 2024 - Apprenticeship

- ML project :
  - bug ticket analysis
  - Determine difficulty of said ticket
  - Usage of python with **sklearn** and **pytorch** packages
  - Objective : Gain time with the sorting of every ticket
- Intern natural language processing (NLP) package :
  - Internal development of NLP package
  - Pipeline of package creation (**Gitlab**)
- XML to Excel :
  - Python script to automate the transformation and extraction of information of xml file to excel file

**Orange Business Services** - April / July 2022 - Internship

- BabyFoot project :
  - Image analysis of a babyfoot game
  - Usage of **Jupyter Notebook**
  - Usage of library **Dash** for visualization (HTML/CSS)
  - Image processing development in **python** (**OpenCV**)
    - recognition of the ball, ground, player
    - development of statistics (possession, shot on target or not, number of passes, etc.)

### DJANGO DEVELOPER

**ThinkCode March** / July 2019 - Internship

- development of an application using the framework Django (**Python/HTML**)

## CERTIFICATES

### Coursera

- Crash Course on Python*
- Introduction to Git and Github*
- The Data Scientist's Toolbox*

## EDUCATIONS

### UNIVERSITÉ DE PARIS SACLAY

*Master's Degree - Computer Science for Data Science (2022 - 2024)*

- Toeic (**980/990**) - English course during the 2 year cursus
- Manage the entire value chain from initial raw data to relevant information.
- Program and master software engineering.
- Acquire theoretical foundations for different types of data science approaches.
- Construct, evaluate and interpret analysis and learning models taking into account the nature of the data.
- Mastering the learning methodology from raw data (from scratch) to evaluation.
- Multiple projects using **Python** and **Git**.

### UNIVERSITÉ DE NANTES

*Bachelor's degree - Computer Science (2019 - 2022)*

- Toeic (**985/990**) - English course during the 3 year cursus
- Numerous projects using : Java, Julia, Ocaml, PL/SQL, C++, MySQL, TypeScript
- Use of different algorithmic and programming styles/paradigms, as well as several languages.
- Analysis and interpretation of program execution results.
- Ability to work in a team and independently on projects.