MAXIME VAILLANT

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in maxime-vaillant1

maxime-vaillant

PROFESSIONAL EXPERIENCES

Research Engineer

INRIA

a Jan 2024 - Now

- Villeurbanne, France
- Use of learning approaches on 5G networks.

R&D Data Scientist Intern

Orange Labs

- Feb 2023 Aug 2023
- Châtillon, France
- Pattern Recognition in Time Series using Spiking Neural Networks.
- Applied research.

Al Consultant

Freelance

- **Sept 2022 Dec 2023**
- France
- Head of AI development on a mission.
- Use a deep learning techniques for object detection on images.

Full Stack Developer Intern

Coddity

- **Aug** 2021 Feb 2022
- Paris 11ème, France
- Improvement of a chatbot data visualization platform.
- Creation of a feature to visualize data in real time.

EDUCATION

Master Degree in Machine Learning and Optimization of Complex Systems

Université de Technologie de Compiègne

2022 – Expected in 2023

Compiègne, France

Master of Science in Computer Science, specialized in Artificial Intelligence and Data Science

Université de Technologie de Compiègne

2018 – Expected in 2023

Compiègne, France

Intensive one-year study course preparing for the competitive entrance examinations to the French 'Grandes Écoles'

Lycée Clemenceau

2017 - 2018

Nantes, France

French Baccalaureate of Science with highest honour Lycée Notre Dame de Toutes Aides

2014 - 2017

Nantes, France

PERSONAL PROJECTS

Travelling Salesman Problem Algorithm

- Nov 2022 Dec 2022
- Use of optimization modern approach to solve TSP problem.

Cup detection program

- Feb 2022 June 2022
- Use of a neural network for object tracking.

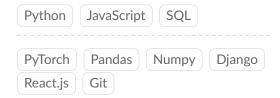
Planning generator

- **a** Aug 2021 Nov 2021
- Use of SAT solver to meet an associative need.

Advanced minesweeper resolution program

- Feb 2021 June 2021
- Use of SAT solver.

COMPUTER SKILLS



LANGUAGE SKILLS

French native

English advanced C1

Spanish elementary A2

HOBBIES



Swimming
Once a week

