

MAXIME VAILLANT

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maxime-vaillant1

maxime-vaillant

PROFESSIONAL EXPERIENCES

Research Engineer

INRIA

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.

AI 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 Baccaureate 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

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

Python

JavaScript

SQL

PyTorch

Pandas

Numpy

Django

React.js

Git

LANGUAGE SKILLS

French native

English advanced C1

Spanish elementary A2

HOBBIES



Swimming

Once a week



Chess

Amateur player