

AlanBIGNON

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EDUCATION

Master of Computer Science for Data Science (in apprenticeship) 09/2022 - 09/2024

University of Paris - Saclay - **M1 & M2**

- Learned advanced statistical methods and **machine learning** algorithms.
- Collaborated on real-world projects, applying data science techniques to solve problems.

Computer Science Degree 09/2019 - 08/2022

University of Nantes - L1, L2 & L3

- Acquired comprehensive knowledge of computer science fundamentals, including algorithms, data structures, and software development methodologies.
- Engaged in practical projects and coursework, using programming languages such as Java, **Python**, and C++.
- Explored specialized areas such as computer networks, databases and operating systems, gaining insight into various facets of modern computing.

WORK EXPERIENCE

Orange Business | Data Scientist Consultant 09/2022 - 09/2024

- **Reinforcement Learning** to optimize remote control car speed.
- Development and deployment of an intern **NLP** package on PyPI via gitlab pipeline.
- Creation of a **RAG** chatbot using Azure and Python.
- CSR : Application for calculating carbon costs of IT projects.
- Developed and showcased a **computer vision** project.

Thinkcode | *Django Developer* 03/2019 - 07/2019

- Developed backend services for a web application using Django, a Python web framework.

SKILLS

Programming Language Proficient in Python, knowledgeable in Julia and Ocaml

Tech Skills Machine learning, data mining, statistical modeling, computer vision

Packages Experience with TensorFlow, Keras, scikit-learn, pandas, NumPy

Version Control Proficient in Git and GitHub\GitLab

Language Fluent in French (Native), English (Advanced)

Soft Skills Strong analytical and problem-solving skills

PROJECTS

Basic autograd implementation | [GitHub Link](#) 2024

- Used Python to implement a basic autograd system from scratch.
- Demonstrated the inner workings of a neural network by building a simple feedforward model.

Language detection | [GitHub Link](#) 2024

- Developed a language detection model using Python and scikit-learn.
- Trained the model on a multilingual dataset, achieving high accuracy in language identification.

CERTIFICATION

2023 Toeic 980/990

2022 Toeic 985/990