Alan**BIGNON**

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EDUCATION

Université de Paris-Saclay | *Master of Data Science* 09/2022-09/2024

- Mastered advanced statistical methods and machine learning algorithms for comprehensive data analysis.
- Related Coursework: Machine learning, data mining, statistical modeling and more.
- Collaborated on real-world projects, applying data science techniques to solve complex problems and deliver impactful results.

Université de Nantes | *Computer Science Degree* 09/2019-08/2022

- Acquired comprehensive knowledge of computer science fundamentals, including algorithms, data structures, and software development methodologies.
- Engaged in practical projects and coursework, developing proficiency in 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.

EXPERIENCE

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

- Developed machine learning models, leveraging advanced statistical techniques to analyze datasets and extract valuable insights.
- Wrote Python scripts to automate data processing tasks and streamlining workflows.
- Showcased an innovative computer vision project to end users, demonstrating the potential of AI technologies in real-world applications.

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

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

SKILLS

Programming Language Proficient in Python, knowledgeable in Julia and Ocaml

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

Tools Experienced with TensorFlow, Keras, scikit-learn

Version Control Proficient in Git and GitHub

Operating Systems Comfortable with Linux and Windows

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