

# AlanBIGNON

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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 Developer* 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