# Alan**BIGNON**

✉ contact@alanbignon.com | ☎ +33(0)632400829 | 🌐 alanbignon.com

## 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