

LOOKING FOR A 4 TO 6-MONTH INTERNSHIP AS AN AI ENGINEER

ABOUT ME

I am a fifth-year student in data science and AI engineering, seeking a 4- to 6-month internship as an AI engineer starting from February 10, 2025. I aim to apply my skills in modeling and data analysis within a dynamic institution, where I can contribute to innovative solutions.

EDUCATION

- 2022 - 2025 : ESIGELEC - Rouen, FRANCE (76000), Engineering School, Finance Major
- 2020 - 2022 : ESIGELEC - Rouen, FRANCE (76000), Preparatory Class in Mathematics/Physics
- Data Science and Machine Learning: Courses on machine learning methods, including supervised and unsupervised techniques, as well as predictive modeling.
- Advanced Statistics and Optimization: In-depth study of statistical concepts applied to complex data analysis and model optimization.
- Data Analysis and Modeling: Courses on approaches for data processing and analysis to extract meaningful insights and make reliable predictions.
- Business Intelligence (BI): Introduction to Business Intelligence concepts and tools for data analysis, dashboard creation, and strategic decision-making.
- Financial Mathematics and Quantitative Analysis including Present Value, Future Value, Bonds, YTM, Options Call and Put
- Blockchain and Financial Applications: Fundamental concepts and their use in the financial sector.
- Application Development: JAVA, C, SQL, HTML, PHP.
- API Development Project: Implementation in C# with Azure.

EXPERIENCE

Academic Projects

- Developing a Machine Learning model to predict the probability of a company going bankrupt from a Kaggle dataset, using TensorFlow and Keras for training and optimization.
- Case Analysis: Conducted a case study on the assessment of financial risks using data analysis tools, utilizing R and Excel.
- Deep Learning Model Development: Developed a deep learning model to predict real estate prices based on a government dataset, using TensorFlow and Keras for training and optimization, with a score  $R^2$  of 75%, without overfitting

Professional Experience

- Intern as a Back-End Developer, Leon Grosse (June 2024 - August 2024)
  - Development of back-end applications in Java with Spring Boot.
- Treasurer, Cultural Association Liberté (2022)
  - Management of the association's accounts, including budget preparation and expense tracking.

Certifications

- Certificate : Supervised Machine Learning: Regression and Classification, Stanford University
- Certificate : Certificate for Advanced Learning Algorithms, Stanford University
- Certificate : Specialization Applied Data Science with Python, Michigan University

SKILLS

Hard Skills

- Probabilities, Statistics, Optimization for Data Analysis: Analysis of variance (ANOVA), time series (ARIMA), hypothesis testing.
- Machine Learning and Deep Learning: Classification, regression, clustering, supervised and unsupervised learning, neural networks (Keras, PyTorch, TensorFlow), predictive modeling.
- Programming: Python (pandas, numpy, matplotlib, scikit-learn, seaborn, TensorFlow, PyTorch), R, SQL, JAVA Spring Boot, C#, Linux.
- Tools: Jupyter Notebook, R Studio, SAP, Excel, Docker.
- Data Visualization and Analysis: Visualization with matplotlib and seaborn, predictive analytics, business intelligence (BI).
- Blockchain: Development of smart contracts with Solidity, JavaScript.
- Web Technologies: HTML, PHP, CSS.

Soft Skills

- Teamwork
- Communication
- Problem-solving

Languages

- French: Native
- English: B2
- Spanish: A1