

# Cheryl KOUADIO

Seeking a 6-month internship in financial engineering

## CONTACT

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## LANGUAGES

**English** (B2+ TOEIC), **Spanish** (A1 DELE), **Japanese** (Basic),  
**French** (Native)

## SKILLS

Experienced in:

- Supervised learning: **Linear Regression, Logistic Regression, Classification**, etc.
- Unsupervised learning: **Clustering, Principal Component Analysis**, etc.
- **Survival Models, Time Series Models, Optimization Methods**

Proficient in:

- **R** (Tidyverse, GGplot2), **Python** (Pandas, Scikit-learn), **SAS, SQL, VBA, Bash, Latex, Microsoft Office, Git**

## EDUCATION

**ENGINEERING DEGREE.** Risk Management and Financial Engineering. – *National School for Statistics and Information Analysis.* **2022–2025**

- ◊ Master in an engineering school specialized in statistics (Statistical Modeling, Time Series...) and computer science (Python, R, SQL...)
- ◊ Final year specialization in risk management and financial engineering, with a strong focus on banking risks and scoring methods.

**UNIVERSITY DIPLOMA OF TECHNOLOGY.** Statistical and Decision-Making Informatics. – *IUT of Paris - Rives de Seine.* **2020–2022**

- ◊ Statistical Modelling
- ◊ Final year in a work-study program at URSSAF, TESE department

## PROFESSIONAL EXPERIENCE

**BIostatistics Intern – Inserm (Paris).** **05.2024–08.2024**

- ◊ Study on the detection of the adequacy of mixture cure models (survival analysis) in randomized clinical trials with long-term survivors, Monte Carlo simulation study

**RESEARCH ANALYST – Inserm (Paris) & ENSAI**

- ◊ Estimation of treatment effects for personalized medicine: Survival analysis, Quality of life analysis (TWiST, Q-TWiST), Bootstrap estimation **01.2024–05.2024**

**STATISTICAL ANALYST (WORK AND STUDY).** – *URSSAF (Champs-sur-Marne).* **10.2023–12.2023**

- ◊ Data visualization and automated reporting via PowerBI
- ◊ Data querying via IBM Cognos
- ◊ Univariate and bivariate descriptive analysis in Excel

## INTERESTS

**Football:** Active member of the ENSAI women's football team.

**Programming:** Development of websites (Quarto, HTML, etc.) for personal and professional purposes.

**Reading:** Philosophy, historical novels, theatre, etc.