# Malek Kristou

Business Analytics Student

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## WORK EXPERIENCE

### Generative AI Intern
*Axe Finance | Feb, 2024–May, 2024*
- Developed a RAG application enabling users to interact with financial statements and evaluate companies using financial ratios.
- Enhanced RAG output by implementing effective PDF parsing and prompt engineering techniques.

### End of Studies Internship In The Global Risk Management Department
*Attijari Bank | Feb, 15th 2022–June, 15th 2022*
- **End of Studies Project: Are Climate Risks Reflected in Stock Prices?**
  - Evaluated U.S. investor response to climate risks in stock prices by analyzing S&P 500 returns against climate risk indices derived from topic modeling on 1M+ New York Times Magazine articles (2000–2021).
- **Main tasks:**
  - Helped in backtesting and detecting anomalies in the credit scoring for small businesses.
  - Helped in task automatization using VBA Excel.

### Finance Intern
*BNA Agency Tebourba | Aug 2020*
- Performed agricultural payslips regulation.
- Prepared the daily agricultural payslips' statistics and the journal.
- Handled customers' issues.

## EDUCATIONAL HISTORY

### MsBA in Business Analytics | Anticipated graduation June 2024
*Tunis Business school*

### Bachelor of Science in Business Administration | 2018–2022
*Tunis Business school*
- Major: Finance, Minor: IT (Information Technology).
- Graduated with Cum Laude Mention (CGPA: 3.54 (4.0=A)).

## RELEVANT ACADEMIC PROJECTS

### Sales Dashboard | 2023
- Created a dynamic sales dashboard capturing key performance metrics including:
- sales revenue, customer partitioning, and product performance for different periods. Implemented user-friendly features, allowing seamless navigation between different time frames.
  - tools: **Microsoft Power BI**

**Source code**

### Library Management System | 2022
- Created a dual-functionality app for Administrators to oversee librarians, students, and books efficiently.
- Librarians manage students, facilitate book searches, oversee borrowing, and automate overdue reminders via email, streamlining operations.
  - tools: **Java/ JavaDB/Java Swing**

**Source code**

### Tracking TBS alumni–Post graduation jobs |2021
- Gathered TBS alumni data (specialties, salaries, positions, unemployment periods, etc..)
- Constructed an Oracle database and visualized statistics using Python (tkinter) and Microsoft Power BI
  - tools: **Oracle PL/SQL / Python (tkinter) / Microsoft Power BI**

## CONFERENCE PRESENTATIONS

### 27th International Conference on Multiple Criteria Decision Making (MCDM2024), Hammamet, Tunisia, June 2024
- Presented a working paper: **"Combining MCDM and NLP to Rank and Evaluate Ride-Hailing Service Providers"**

## SKILLS

- **Programming Languages:**
  C, Python, PHP, Java
- **Web Development:**
  HTML, CSS, JavaScript

- **DataBase:**
  MySQL, Oracle PL/SQL
- **Visualization:**
  Microsoft Power BI

- **Familiar with:**
  R, Talend, Docker
- **Soft Skills:**
  Active listening, Organization, Responsibility ,and Attention to detail

## LANGUAGES

- Arabic: native.
- French: speak, read , write

- English: speak, read, write.
- Spanish: understand and read.