Thomas BELAID
CO OP Student

PROFILE

Currently, I am a second-year student pursuing a technical bachelor's degree in data science. This program enables me to deepen my knowledge in areas such as data analysis, programming, and applied mathematics. I am enthusiastic about tackling the academic challenges presented to me, while actively preparing myself for a promising career in the field of data science.

INFORMATIONS

Gender : Male
Date of Birth : 13/03/2004
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Phone : +33 6 98 07 88 81
Linkedin :
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LANGUAGES

French : Native
English : Good working level (B1 CEFR level)
Spanish : Basic Level
Latin : Basic Level

HARD SKILLS

- Proficient in multiple programming languages (Python, HTML, CSS, Javascript, Talend)
- Strong command of Microsoft Office suite (Excel, Access, PowerPoint, Word) and design software (Canva and Photoshop) Statistical analysis (R, SAS, Tableau)
- Project management
- Dashboard production (Power BI, Power Automate)

EDUCATION AND QUALIFICATION

2022-2025

BUT Science des données (SD) VCOD
IUT de Paris Rives de Seine

- Equivalent : Higher vocational diploma in Statistics and data sciences. I Am doing my second year with the work-study program for “Mediametrie”
- Fréquency : One weeks with the company and one weeks at school (35 hours per week)

2019-2022

Baccalauréat Général 2021-2022 with honor
Saint Benoit de l'Europe

- High School Certificate in Science majoring in Mathematics , Mathematics, Physics, Chemistry, Life Sciences, and the Expert Mathematics option.

WORK EXPÉRIENCE

Co op Student as a Junior Data Manager at Médiamétrie :

- My responsibilities were varied: designing dashboards, establishing efficient operational processes, responding to data extraction requests accurately, and ensuring smooth data flow management. These tasks served as stepping stones to solidify my practical knowledge and strengthen my ability to lead complex projects within the organization.
- I work in a team of seven people and use software such as SQL, Talend and SAS. I can work with Data Manager, Data Analytics and Data Quatlity

SOFT SKILLS

Rigorous
Enjoys working in a team
Punctual
Serious
Enjoys working independently
Able to take a step back

HOBBIES

I am passionate about sports, and this passion not only demonstrates my interest in physical well-being but also my commitment to maintaining an active and balanced lifestyle.
I am passionate about music, and this passion not only showcases my interest in artistic expression but also my dedication to enriching my life creatively and emotionally.

VOLUNTEERING

During my high school years, I was able to participate in the high school association. We were able to collect clothes, marauding. At the end of the year, we were able to organize a fundraiser via an end-of-year party.

REFERENCE

Dr Mohammed MELLOUK – Head of STID
Department
IUT de Paris
Mail:claire.stephan@u-paris.fr

Mr Redouane Hamadou –
Manager
Médiamétrie
Mail: rhamadou@gmail.com

UNIVERSITY PROJECT

February 2024
Web scraping: Extraction of Google Maps data for companies .

- Creation of functional Python code: We developed an efficient Python script to extract relevant information from Google Maps pages using scraping techniques.
- Use of Python APIs and packages (selenium and Address API): We integrated APIs and Python packages such as Selenium and the Address API to automate the extraction process and ensure the accuracy of the collected data.
- Production deployment on a large file / Use of partitioning: To process large datasets efficiently, we implemented a partitioning strategy. This allowed us to split the processing into small manageable chunks, ensuring smooth execution even with large files. Creation of a report.

February 2024
Temporal Data Analysis: Analysis of a time series database regarding the evolution of solar energy production over the years

- Creation of R code for analysis. Employing advanced time series analysis techniques such as detecting seasonality, trend identification, error estimation, and especially forecasting future trends.
- Utilization of forecasting techniques: Implementing forecasting techniques such as ARMA and Holt-Winters models to predict future trends in solar energy production.
- Creation of a report: Compiling our analyses and findings into a comprehensive report, summarizing key insights, methodologies, and forecasting results.

January 2023 - June 2023.
Project: Analysis of state-guaranteed loans post-COVID health crisis

- Data cleaning and formatting: We collected data on state-guaranteed loans and conducted a meticulous cleaning process to ensure data quality and reliability.
- Data processing with R and SAS:We ensured the application of appropriate statistical methods based on the nature of the data.
- Statistical analysis: We performed univariate and bivariate analyses, as well as regression and forecasting models, to understand trends and relationships between variables in the loan data.
- Oral presentation of results with PowerPoint support:.