

Louis Thidet

Data Engineer

With a background in programming and IT project management, I'm looking for a Data Engineer position where I can apply my skills in data pipeline development, Big Data infrastructure management and process optimization.

COMPÉTENCES

Languages et libraries

- Python (Dash, Pandas, Numpy)
- SQL (PostgreSQL, MySQL), QlikView
- R (Shiny, Tidyverse, Sf)
- Java (Spring, Spark, FreeMarker, Vaadin, Swing)
- Kotlin (Jetpack Compose), C#, C
- JavaScript, TypeScript (React), HTML, CSS, PHP

Skills

- Pipeline management, ETL, Google Cloud Platform (BigQuery), MinIO
- REST API development and management
- Data visualization
- Geographic data manipulation
- Regression models (linear, probit, logit)
- Clustering (K-means, CAH)
- Agile

Tools and Technologies

- NiFi, Power BI
- Linux, Docker, Git, OpenSSL
- ESP32, Arduino Uno, mangOH Yellow
- Illustrator, Photoshop, Figma, QGIS,
- Vegas Pro, DaVinci Resolve
- NFC (NDEF), MQTT

LANGUAGES

- Anglais : B2
- Allemand : A1

HOBBIES

- Littérature
- Histoire
- Philosophie

EXPERIENCE

06/2024 - 10/2024

Stagiaire Data Engineer/ Data Analyst

Safran | Paris

- Contribution to a data integration and processing solution based on a microservices architecture and built around the Spring framework and Docker
- Participation in the development of project-specific functionalities while ensuring quality of service (Cache, Rate limiting, REST API)
- Collaborated with the Data Engineer techlead to ensure the quality and performance of data pipelines via NiFi
- Creation of data visualizations on Power BI to facilitate decision-making and promote the project within the Safran group.

10/2022 - 10/2023

Alternant Data Analyst

Cegedim / Gers Data | Paris

- Automation and control of scripts to speed up data production and minimize the risk of errors
- Structured and drafted technical documentation for the framework used internally, facilitating onboarding and maintenance of BI developments.
- Designed and developed a Shiny web application in R to generate interactive visualizations of the geographical dimensions of customer data

EDUCATION

09/2023 - 09/2024

Gustave-Eiffel University | Paris

Master's degree (second year): Systems and Services for the Internet of Things (Master 2 Systèmes et Services pour l'Internet des Objets) - with honours

10/2022 - 10/2023

Paris-Cité University | Paris

Master's degree (second year): IT Projects and Business Strategy (Master 2 Projets Informatiques et Stratégie d'entreprise) - with high honours

REALISED PROJECTS

- OMNeT++ plug-in to generate 3D environments from BIM files (Published at IEEE GLOBECOM 2024 by the research team)
- Creation of an application to analyze rail network ridership
- Interactive mapping of school travel in the Paris region
- Interactive visualization of property prices per m² in France
- Interactive map of bookstores in France
- Creation of an AI voice assistant
- Development of a low-code platform for the creation of microservices applications
- Creation of a web service for booking online courses
- Development of management software for a theater