Luc Charlopeau

Data Scientist | Software Development & ML

Software Engineer from France, building practical tools and applications that unlock the possibilities of data.

Email
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Website
https://luxchar.xyz

Address
Paris, France

Socials

Linkedin
luccharlopeau

Malt
luccharlopeau

Github
Luxchar

Languages

Français
Native

English
Bilingual

German
Elementary

🤝 **Teamwork**
Im used to work with very diverse team from different backgrounds to build things together

🌟 **Creative**
I find creativity key to my workflow when building solutions to challenges

🛠️ **Adaptibility**
Im able to adapt to different conditions and environments

Latest projects

Travelia
Contributed to Travelia, an LLM powered Web Application focused on travelling planning

Revochat
Led a team to build Revochat, a real-time communication platform using modern web technologies

Experience

Sep 2023 – Present 📍 Paris (Hybrid)
Data Scientist
TotalEnergies
– Data analysis to get insights on data quality
– Web Development in React/TS/Postgres/AWS
– AWS Cloudwatch Dashboards
– PowerBI
– SAP

Jan 2023 – Sep 2023 📍 Paris (Hybrid)
Data Scientist (Freelance)
TotalEnergies
– Research and development of solutions to detect anomalies in real time data.
– Analysing sensors data with laboratory experiments and protocols to create algorithms.
– Write detailed documentation on research and results of practical algorithms.
– Data cleaning to get KPIs and help product listing.
– Code Refactoring and Unit testing
– AWS S3 Datalake

Apr 2022 – Jul 2023 📍 Belgique (Remote)
FullStack Developer
Let's Play
– API development in Typescript with MongoDB.
– Building a node module to interact with the Pterodactyl API.
– Frontend Development.

June 2022 – Aug 2022 📍 Paris
Data Scientist (Internship)
TotalEnergies
– Introduction to the development, industrialization and monitoring of Machine Learning models to predict lubricant health (oil ageing, and other applications in predictive maintenance).

Education

Paris Ynov Campus
Master of Data Science
June 2026

Paris Ynov Campus
Bachelor of Data Science
June 2024

Skills

Data

Python	Pandas Numpy	Scraping Machine Learning LLM	• Plotly • Matplotlib • Seaborn	AWS Datalake Cloudwatch

Development

React JS Typescript	• Tailwind • POEditor • Figma	APIs	NextJS RR7	Vitest Playwright	CI/CD Actions

Tools

Python
Data & Scripting

Jira
Agile Methods

Github
Code Versioning

AWS
Cloud Platform

Python Libs
Data Handling

Typescript
Web Development

VS Code
Code editor

PostgreSQL
SQL Database

MongoDB
NOSQL Database