Maurin Gilles

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Driving license.

I specialise in research and development around data science, driven by a desire to contribute to developing the tools and methods that will enable us to move the world in the best direction at this crucial time.

https://perso.isima.fr/

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Education

- **Master's degree in IT** – ISIMA, Clermont-Ferrand, France. (2023-2026)
  - Specialisation in Optimisation and Artificial Intelligence.
- **Research initiation programme** – LIMOS, Clermont-Ferrand (2024-2026)
  - Work on dynamic query optimisation in data integration systems.
- **Bachelor's degree in IT** – UCA, Clermont-Ferrand, France. (2021-2023)
  - Ranked 7/155, allowing me to enter a selective engineering school in an IT cursus.

Work Experience

- **Knowledge manager** – Crédit Agricole Centre France, Aurillac (summer 2024)
  - Automated Excel tasks using VBA macros.
  - Harmonised the documentation and helped migrate it to a new SharePoint application.
  - Updated the chatbot and the internal ticketing system.
- **Receptionist** – Crous Clermont Auvergne, Clermont-Ferrand, France (part-time, 2022-2023)
  - Responsible for the security of 8 residences in the city centre, housing 1,000 students.
  - Helped residents with their day-to-day problems, and manned the switchboard operator.

Community Involvement

- **Editor in chief** – La GaZZette, ISIMA student newspaper (2024)
  - Lead a team of ten editors, published monthly issues of around thirty pages.
  - Editor of front-page articles and the film section.
- **Active member in charge of IT** – BDE Enigma (student council), Clermont-Ferrand (2023-2024)
  - Created and maintained the association's website on wordpress.
  - Participated actively on monthly boards, staffed at events.
- **Students' elected representative on the Board of directors** – Université Clermont Auvergne (2023-2025)
  - Participating in debates and deliberations on the university's strategic and budgetary orientations.
  - Working with a a group of other elected representatives from various councils to bring the voice of the university's 35,000 students to the table. This group's work led to the university's approval of menstrual leave.
- **Volunteer in the backup crew** – Clermont-Ferrand's International Short Film Festival (2023 & 2024)
  - Guided festival-goers and film professionals and answered to their questions, in French and English.
  - Staffed at events organised for directors and producers.
- **Member of many clubs** – ISIMA Engineer Students Association (2024)
  - Secretary & head of the geography section in the history/geography club.
  - In charge of night screenings in the arts club.
  - In charge of screenings in the japanese culture club.

Skills and languages

- **DBMS:** Oracle, PostgreSQL, MongoDB, Redis, Neo4J, and corresponding DQL.
- **Programming:** Java *(with maven, JUnit, JavaFX, spark)*, Python *(with pandas, matplotlib, scikit-learn)*, C++.
- **Misc:** Linux *(Arch user)*, bash, Git, LaTeX, html/css, MATLAB
- **Franch** (native), groundings in Spanish and Italian.