

# NICOLAS COUDERT

PYTHON DEVELOPER | DATA ADMINISTRATOR | DATA ANALYST



## CONTACT

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## SKILLS

- Python
- SQL, PL/pgSQL, PL/SQL
- Git
- FastAPI, Django
- Spark, pySpark
- Docker
- PostgreSQL, Oracle, MongoDB
- C/C++, Qt

## LANGUAGES

- French (Native)
- English (Professional)

## HOBBIES

- Scientific works
- Rugby
- Contributing to community projects (PostgreSQL.fr, FastAPI, Python, etc.)
- CodinGame (top 250 World)



## PROFILE

Passionate about science, with a strong focus on computer science and mathematics. I specialize in back-end technologies, particularly with Python, and have a solid command of data modeling, querying, and database administration. My skills cover the entire back-end stack—from API development to database optimization—supported by certified academic training in data engineering and artificial intelligence.



## WORK EXPERIENCE

**Atol Conseils & Développements**  
Python Developer

SETP 2022 - PRESENT

- Evolution and maintenance of applications using FastAPI and Django.
- Data-focused development as database expert using PostgreSQL, and Liquibase.
- Optimization of existing data flows and formats (XML, CSV, JSON).
- Mentoring of an apprentice and an intern.
- Lead developer for a FastAPI application dedicated to data analysis, owning backend and databases (PostgreSQL, MongoDB).

**Association Ma P'tite École**  
FullStack developer

Summers 2021 & 2022

- Client needs specification and formalization.
- Development of a Symfony-based application tailored for non-technical users, enabling full museum management (entry tracking, accounting, inventory, etc.).

**Association Ma P'tite École**  
Versatile employee

Summers 2019 & 2020

- Front-desk duties and museum tours.
- Accounting.
- Inventory management.



## EDUCATION

**Master's Degree in Database & Artificial Intelligence** 2022 - 2024  
UFR Sciences et Technique | University of Burgundy  
With honors

**University degree: IT and Mathematics** 2019 - 2022  
UFR Sciences et Technique | University of Burgundy  
With honors