

CONTACT

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• SQL, PL/pgSQL, PL/SQL

· FastAPI, Django

· Spark, pySpark

Docker

C/C++, Qt

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in/nicolascdt/

nicolasCDT

SKILLS

Python

• Git

# **NICOLAS COUDERT**

PYTHON DEVELOPER | DATA ADMINISTRATOR | DATA ANALYST

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#### **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**

SETP 2022 - PRESENT

Python Developer

- 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.

### Association Ma P'tite École

Summers 2021 & 2022

FullStack developer

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

#### Association Ma P'tite École

Summers 2019 & 2020

Versatile employee

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

## LANGUAGES

PostgreSQL, Oracle, MongoDB

- French (Native)
- English (Professionnal)

#### **HOBBIES**

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



## **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