Erine DRAUX

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Profile

A hardworking and highly motivated freshly graduated student with 3 years experience in computer science specialized in database management with proven ability in agile methods, programming languages such as PL/SQL and Python, seeking for an opportunity to apply my technical expertise in data engineering to contribute to innovative projects within an international team environment.

Work Experience

Apprenticeship in Data Science - Airbus SAS
Blagnac, France – Semptember 2025 to August 2028 (3 years)

- Developpement of data monitoring tools
- Project validation
- Dashboarding

Interniship in Database Administration - INEO ES
Toulouse, France – April 7th to June 9th 2025 (9 weeks)

- Replication of database in a redundant system
- Technology watch about existing solutions
- Test environement deployement by setting up virtuals machines
- Synthesis to recap the distinct possibilities found

Education

Engineering diploma in Computer Science in apprenticeship
ENSEEIHT - Toulouse, France - 2028

Bachelor in Computer Science specialized in Database
University Institute of Technology Paul Sabatier - Toulouse, France - 2024

French A'level with Honors
Léon Blum Highschool, France - 2022
- Specialized in computer science and English litterature
- Option : Law and Contemporary World Issues

Academic Projects

Development of a Real Estate Management Application - September to January 2025 (5 months)
- Collaborated in a team of five to develop a real estate management application using Agile methodology with sprint reviews every three weeks.
- Transformed Excel-based documents into an application allowing to manage tenants, rent, and administrative tasks.
- Coded in Java, implementing unit tests to ensure functionality and performing refactoring for improved code quality.

OpenFoodFact Database analyses - January to April 2025 (4 months)
- KNIME workflows, Power BI visualisation
- Nutri-score predictions via IA processes on KNIME
- Team of five

Other Experiences

Nuit de l'Info event - Toulouse, France – December 8th 2023 and December 2024
- Collaborated with a team of eight during a 24-hour coding marathon to tackle informatics challenges related to climate change.
- Participated in problem-solving and innovative thinking to develop effective solutions.

Badminton Tournament - 2021
Involved in my Highschool association, I participated in tournaments, developing teamwork, competitiveness, and perseverance through regular training and matches.

Skills

Soft skills

- Teamwork and collaboration
- Time Management
- Adaptability
- Problem-solving
- Perseverance

Technical skills

Softwares :
- Oracle tools (Apex, SQL Developer)
- GitLab, GitHub
- Microsoft Office (Access, Excel),
- PowerBI
- MindView, GANTT
- Modelio

Languages :
- PL/SQL
- Python
- Java
- PHP
- HTML/CSS

Interests

Hiking
- Planned and completed multi-day hiking trips, proving strong organization, endurance, and problem-solving skills.
- Developed resilience and adaptability in challenging outdoor environments.

Traveling
- Organized and experienced many travels around the world, improving my adaptability, cultural awareness.
- Participated in a language immersion program in Ireland in 2022, improving my communication skills and achieving greater fluency in English through daily practice and interaction with native speakers.

Languages

French (Fluent)   **English** (B2)   **Spanish** (B1)   **Italian** (A2)