JONATHAN GROMAT

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SUMMARY

STUDENT IN BACHELOR OF SCIENCE IN COMPUTER SCIENCE (3RD YEAR) SPECIALIZING IN DATA ADMINISTRATION, MANAGEMENT, AND EXPLOITATION

PROFESSIONAL EXPERIENCE & PROJECTS

Internship BUT2 - April 2024 - June 2024
- Development of interactive dashboards.
- Design of AI solutions (chatbots).
- Interactive enhancement of graphics on the website.
- Server configuration.

Multi-Database Management System
- Technologies: PostgreSQL, MongoDB, Neo4j, Python, PHP, JS
- Optimized queries on SQL/NoSQL databases.
- Analysis and visualization of relationships between medications.
- Full-stack development with interactive interface and authentication.

Mobile Multimedia Management Application
- Technologies: React Native, Expo, TypeScript
- iOS-inspired mobile interface (tabs, dark themes).
- API for data (content, recommendations).
- Local data management (AsyncStorage).

Air Quality API (REST)
- Technologies: REST API, Python (pandas, SQLite)
- Collection, analysis, and visualization of environmental data.
- Automated processing of large files.
- Generation of interactive and secure reports.

Vélib' Métropole
- Technologies: Advanced SQL, triggers, data visualization.
- Real-time analysis of bike usage data.
- Automation of updates via SQL triggers.
- Dynamic visualization of usage trends.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE SPECIALIZING IN DATA ADMINISTRATION, MANAGEMENT, AND EXPLOITATION
UNIVERSITY OF PARIS-EST CRÉTEIL - IUT CRÉTEIL-VITRY - **2022 - PRESENT**

TECHNOLOGICAL BACCALAUREATE STI2D - 2022

ADDITIONAL INFORMATION

Technical Skills: Databases (PostgreSQL, MySQL, MongoDB, Neo4j),
Visualization (Power BI, Tableau),
Development (Python, Java, HTML, CSS, JS, PHP)
Project Management: Agile (Scrum), UML
Languages: French (Native), English (Fluent)
Interests: Artificial Intelligence, Cultures, Travel, Music