Guillaume CROS

seeking a 12 week internship in Data and AI Engineering
starting June 16, 2025

3rd year IT Engineering student

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Passionate about technology since childhood, I am eager to contribute to innovative projects through an internship as part of my Data and AI Engineering program at Polytech Nantes. My goal is to combine academic expertise with hands-on experience to drive digital innovation and address today's challenges.

Language skills

English (B2)

French (Native)

German (A2)

IT skills

Programming (Python, SQL, Linux, Git)

Data tools (Qlik Sense, Power BI)

Editing tools (Canva, Gimp)

Soft skills

Strong Communication

Results-Oriented

Accountability

Versatility

Team collaboration

Problem-solving

Professional Experience

Data Engineering Apprentice | Sep 2024 - Sep 2027
Naval Group (Defense industry), Lorient, FR
- Designing and deploying Qlik Sense dashboards to improve decision-making in naval engineering.
- Developing data analysis tools, enhancing performance evaluation processes.
- Collaborating with cross-functional teams to refine data-driven solutions.

Machine Operator | Jun 2023 - Aug 2023
H. Triballat Dairies (Food processing industry), Rians, FR
- Operated and optimized production lines, ensuring efficiency and quality control.
- Conducted consumable supply management and machine configuration.

Assistant in Storage and Cleaning | Jun 2022 - Aug 2022
The Presbytery (Hospitality), Menetou-Salon, FR
- Managed linen inventory and maintained high cleanliness standards.
- Delivered exceptional guest service, enhancing customer satisfaction.

Education

Data and AI Engineering | Sep 2024 - Sep 2027
Polytech Nantes (Graduate School of Engineering), Nantes, FR
- Work-study program at Naval Group
- Relevant Courses: Python, Algorithmic Modeling, AI Development, Graph Theory

Preparatory Classes to Engineering High Schools | Sep 2022 - Apr 2024
Polytech Clermont (Graduate School of Engineering), Clermont-Ferrand, FR
- Research Project: RFID secured lockbox prototype using Arduino
- Relevant Courses: Statistics, Algorithms, Engineering Sciences

Secondary school diploma (honors) | Sep 2019 - May 2022
Alain Fournier High School, Bourges, FR
- Specialization: Mathematics and Physics-Chemistry (+ English)

Extracurricular Activities

Private Pilot Training | Sep 2021 - Apr 2024
Bourges Flying Club, Bourges
- Completed 39 flight hours and 180 landings as part of PPL training.

Travel
- Lived in India from 2004 to 2008
- Visited 27 countries across five continents, including Japan, Peru, South Africa, Italy, and Canada
- Participated in language immersion programs (Cambridge, Dublin, Malta, Cork) from 2016 to 2022

Hobbies
- Aviation: Passionate about piloting.
- Automobiles: Enthusiast of vintage cars and motorsport.
- Vintage and High-Tech Collections: Collector of revolutionary objects, blending past and future innovations, such as typewriters and modern tech devices.
- Generative AI: Exploring large language models and image-generation tools to innovate creatively and technically.